API Usage Guide

For domain names and SSL
Version 3.4

The following pages give you an overview of API, and the categories of commands in the API, which are available to you for each major type of task.

Contents

1. Purpose

This documentation mainly describes the protocol and the commands in the API with respect to real-time registration and business management. It includes Interactive Mode of Client-Sever, Commands & Data. On the basis of safety of Data, coding, information transmission, all resellers could develop their own system using ONlineNIC's Back-end with the information described in this documentation.

2. Availability

All OnlineNIC resellers are free access to our API.

3. Reference

Technical Manual for Template 4.0

4. Abbreviation

Abbreviation	Full Name
API	Application Program Interface
TLD	Top-Level Domain
IDN	Internationalized domain name

5. Name Definition

Term	Definition
API	An application program interface is a set of routines and criterion and protocols by the provider. The client could communicate with our server via API.

6. Introduction

6.1. Brief Introduction

This article is for the client who wants to integrate API with their own registration system. OnlineNIC provide technical support for such projects via Email at onlinenic-partner@onlinenic.com

The application program interface (API) is a set of routines and criterion and protocols by OnlineNIC. With the specifications provided here, you can develop your own real-time registration system using OnlineNIC's back-end. The data between the client and server is to be exchanged via a socket connection. It makes you and your client easier to complete products purchase, management, and info-query and so on via API.

6.2. Usage

Via API, you could complete real-time registration, renewal, inquiry, information update, delete and other related operation for a domain.

6.3. Testing Server

Test server IP：ote.onlinenic.com
Port：30009
Testing account：135610
Password：654123

6.4. Demo

You may not login to API Demo with other accounts, except for the Testing account given:

ID: 135610
Password: 654123 .
API Demo URL: http://218.5.81.149/api/demo/3.x/en/

6.5. Note

Our API is case sensitive (except passwords), but your coding application or language might be. This catalog is formatted for readability, not for the cases our API returns. Please test your code to conform to case sensitivity requirements.
For IDN, it must be puny-encoded.

7. API Commands

7.1. Connection Module

7.1.1. Live Server

Server: www.onlinenic.com
Port: 30009
Account: Your OnlineNIC account id.
Password: Your OnlineNIC account password.

7.1.2. Establish Connection

Using the server and port information provided by OnlineNIC to set up TCP connection. Once connection is established successfully, you will receive a greeting message which comes from our server. The message is as below:

```
<?xml version="1.0"?>
<response>
   <category>client</category>
   <action>Greeting</action>
   <code>1000</code>
   <msg>Your Connection with API Server is Successful</msg>
   <resData>
      <data name="svDate">2009-02-16 06:22:21</data>
   </resData>
</response>
```

7.1.3. Login Command

7.1.3.1. Definition

Label	Definition
Command：	
<request>	
<category>CATEGORY </category>	CATEGORY："client"
<action> ACTION </action>	ACTION：Login
<params>	
<param name="clid">VALUE</param>	Your Onlinenic Account Id
</params>	
<cltrid>CLTRID </cltrid>	Order number which is generated by customer and

	must be unique
<chksum>CHKSUM </chksum>	md5(clid + md5(clpass) + cltrid + "login")
</request>	
Returned parameters and values	
<response>	
<category> CATEGORY </category>	CATEGORY：client
<action> ACTION </action>	ACTION：Login
<code>CODE </code>	Please refer to Codes Explanation in appendix.
<msg>msg </msg>	Please refer to Codes Explanation in appendix.
<value>value </value>	Please refer to Codes Explanation in appendix.
<cltrid>cltrid </cltrid>	Order number which is generated by customer and must be unique.
<svtrid>svtrid</svtrid>	Order number which is generated by Server.
<chksum>chksum</chksum>	Md5 secret keyi between reseller and ONlineNIC. Chksum = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.1.3.2. Command Description

Set up Login session after successful TCP/IP connection.

7.1.3.3. DEMO Guide

http://218.5.81.149/api/demo/3.x/en/

7.1.3.4. Constraints

The login ID and password must be valid.

7.1.3.5. Notes

At most150 requests you could submit in one session.

7.1.3.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
   <category>client</category>
   <action>Login</action>
   <params>
     <param name="clid">150132</param>
   </params>
   <cltrid>150132A1239962604B990</cltrid>
   <chksum>873ff96234542b78crewdsbfdbd78ebd</chksum>
</request>
```

Returned parameters and values
```
   <?xml version="1.0"?>
   <response>
     <category>client</category>
     <action>Login</action>
```

```
<code>1000</code>
<msg>Command completed successfully</msg>
<value>L118:no value</value>
<resData>
</resData>
<cltrid>150132A1239962604B990</cltrid>
<svtrid>150132A1239962604B990-API-SRV</svtrid>
<chksum>f99e5f15fe8e779892c78a74b631b6df</chksum>
</response>
```

7.1.4. Send request to Server

After session is set up, you may send your requests to server.

7.1.5. Returned parameters and values

The returned message helps to explain the result of the command which you sent
and the code referred to the failure.

7.1.6.   Logout

7.1.6.1.   Definition

Label	Definition
Command：	
<request>	
<category>CATEGORY</category>	CATEGORY："client"
<action>ACTION</action>	ACTION：Logout
<params>	
<param name="clid">VALUE</param>	Your Onlinenic Account Id
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	Md5 secret key between reseller and ONlineNIC. Chksum = md5(clid + md5(clpass) + cltrid + "logout")
</request>	
Returned parameters and values	
<response>	
<category>CATEGORY</category>	CATEGORY：client
<action>ACTION</action>	ACTION：Logout
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in

	appendix.
`<value>VALUE</value>`	Please refer to Codes Explanation in appendix.
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique.
`<svtrid>SVTRID</svtrid>`	Order number which is generated by Server.
`<chksum>CHKSUM</chksum>`	Md5 secret key between reseller and ONlineNIC. CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

7.1.6.2. Command Description

The logout command is for disconnection from our server.

7.1.6.3. DEMO Guide

http://218.5.81.149/api/demo/3.x/en/

7.1.6.4. Constraints

Logout session is valid after only if you have set up login session

7.1.6.5. Notes

Logout command kills the connection session between client and server.

7.1.6.6. Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
 <request>
 <category>client</category>
 <action>Logout</action>
 <params>
   <param name="clid">150132</param>
 </params>
 <cltrid>150132A1238053251B362</cltrid>
 <chksum>8cea79fb34b3dc7f1de1e8cae500b274</chksum>
 </request>
```

Returned parameters and values
```xml
<?xml version="1.0"?>
<response>
  <category>client</category>
  <action>Logout</action>
  <code>1500</code>
  <msg>Command completed successfully;ending session</msg>
  <value>L46:no value</value>
  <resData>
  </resData>
  <cltrid>150132A1238053251B362</cltrid>
  <svtrid>150132A1238053251B362-API-SRV</svtrid>
  <chksum>2971f9bed45b1ab482766f99f14031e4</chksum>
</response>
```

7.2. Domain Services and Management

7.2.1. Supported Domain Extensions

Domains Extension	Type	Explanation
com/net	0	.COM/.NET domain name
org	807	.ORG domain name
biz	800	.BIZ domain name
info	805	.INFO domain name
us	806	.US domain name
in	808	.IN domain name
mobi	903	.MOBI domain name
eu	902	.EU domain name
asia	905	.ASIA domain name
me	906	.ME domain name
name	804	.NAME domain name
tel	907	.TEL domain name
cc	600	.CC domain name
cc	610	.CC Chinese IDN domain name for .cc
tv	400	.TV domain name
tw	302	.TW English domain name
uk	901	.co.uk .org.uk .plc.uk .me.uk domain name
co	908	.CO domain name
xxx	930	.xxx domain name
pw	940	.pw domain name
club	740	.club domain name
ceo	742	.ceo domain name
bike	2001	.bike domain name
clothing	2002	.clothing domain name
guru	2003	.guru domain name
holdings	2004	.holdings domain name
plumbing	2005	.plumbing domain name
singles	2006	.singles domain name
ventures	2007	.ventures domain name
camera	2008	.camera domain name
equipment	2009	.equipment domain name
estate	2010	.estate domain name
gallery	2011	.gallery domain name
graphics	2012	.graphics domain name
lighting	2013	.lighting domain name
photography	2014	.photography domain name
construction	2015	.construction domain name
contractors	2016	.contractors domain name
directory	2017	.directory domain name
kitchen	2018	.kitchen domain name
land	2019	.land domain name
technology	2020	.technology domain name
today	2021	.today domain name
diamonds	2022	.diamonds domain name
enterprises	2023	.enterprises domain name

tips	2024	.tips domain name
voyage	2025	.voyage domain name
careers	2026	.careers domain name
photos	2027	.photos domain name
recipes	2028	.recipes domain name
shoes	2029	.shoes domain name
cab	2030	.cab domain name
company	2031	.company domain name
domains	2032	.domains domain name
limo	2033	.limo domain name
academy	2034	.academy domain name
center	2035	.center domain name
computer	2036	.computer domain name
management	2037	.management domain name
systems	2038	.systems domain name
builders	2039	.builders domain name
email	2040	.email domain name
solutions	2041	.solutions domain name
support	2042	.support domain name
training	2043	.training domain name
camp	2044	.camp domain name
education	2045	.education domain name
glass	2046	.glass domain name
institute	2047	.institute domain name
repair	2048	.repair domain name
coffee	2049	.coffee domain name
florist	2050	.florist domain name
house	2051	.house domain name
international	2052	.international domain name
solar	2053	.solar domain name
marketing	2054	.marketing domain name
viajes	2055	.viajes domain name
farm	2056	.farm domain name
codes	2057	.codes domain name
cheap	2058	.cheap domain name
zone	2059	.zone domain name
agency	2060	.agency domain name
bargains	2061	.bargains domain name
boutique	2062	.boutique domain name
cool	2063	.cool domain name
watch	2064	.watch domain name
works	2065	.works domain name
expert	2066	.expert domain name
foundation	2067	.foundation domain name
exposed	2068	.exposed domain name
villas	2069	.villas domain name
flights	2070	.flights domain name
rentals	2071	.rentals domain name
cruises	2072	.cruises domain name
vacations	2073	.vacations domain name
condos	2074	.condos domain name
properties	2075	.properties domain name
maison	2076	.maison domain name
tienda	2077	.tienda domain name
dating	2078	.dating domain name

events	2079	.events domain name
partners	2080	.partners domain name
productions	2081	.productions domain name
community	2082	.community domain name
catering	2083	.catering domain name
cards	2084	.cards domain name
cleaning	2085	.cleaning domain name
tools	2086	.tools domain name
industries	2087	.industries domain name
parts	2088	.parts domain name
supplies	2089	.supplies domain name
supply	2090	.supply domain name
report	2091	.report domain name
vision	2092	.vision domain name
fish	2093	.fish domain name
services	2094	.services domain name
capital	2095	.capital domain name
engineering	2096	.engineering domain name
exchange	2097	.exchange domain name
gripe	2098	.gripe domain name
associates	2099	.associates domain name
lease	2100	.lease domain name
media	2101	.media domain name
pictures	2102	.pictures domain name
reisen	2103	.reisen domain name
toys	2104	.toys domain name
university	2105	.university domain name
town	2106	.town domain name
wtf	2107	.wtf domain name
fail	2108	.fail domain name
financial	2109	.financial domain name
limited	2110	.limited domain name
care	2111	.care domain name
clinic	2112	.clinic domain name
surgery	2113	.surgery domain name
dental	2114	.dental domain name
tax	2115	.tax domain name
cash	2116	.cash domain name
fund	2117	.fund domain name
investments	2118	.investments domain name
furniture	2119	.furniture domain name
discount	2120	.discount domain name
fitness	2121	.fitness domain name
schule	2122	.schule domain name
digital	2123	.digital domain name
church	2124	.church domain name
life	2125	.life domain name
guide	2126	.guide domain name
direct	2127	.direct domain name
deals	2128	.deals domain name
city	2129	.city domain name
restaurant	2130	.restaurant domain name
gratis	2131	.gratis domain name
bussiness	2132	.bussiness domain name
network	2133	.network domain name

football	2134	.football domain name
run	2135	.run domain name
soccer	2136	.soccer domain domain
fyi	2137	.fyi domain name
group	2138	.group domain name
place	2139	.place domain name
immo	2140	.immo domain name
world	2141	.world domain name
money	2142	.money domain name
chat	2143	.chat domain name
style	2144	.style domain name
school	2145	.school domain name
plus	2146	.plus domain name
express	2147	.express domain name
cafe	2148	.cafe domain name
team	2149	.team domain name
show	2150	.show domain name
dog	2151	.dog domain name
mba	2152	.mba domain name
claims	2153	.claims domain name
finance	2154	.finance domain name
insure	2155	.insure domain name
healthcare	2156	.healthcare domain name
pizza	2157	.pizza domain name
delivery	2158	.delivery domain name
coach	2159	.coach domain name
memorial	2160	.memorial domain name
legal	2161	.legal domain name
bingo	2162	.bingo domain name
tennis	2163	.tennis domain name
apartments	2164	.apartments domain name
golf	2165	.golf domain name
tours	2166	.tours domain name
jewelry	2167	.jewelry domain name
theater	2168	.theater domain name
taxi	2169	.taxi domain name
hockey	2170	.hockey domain name
coupons	2171	.coupons domain name
vin	2172	.vin domain name
wine	2173	.wine domain name
salon	2174	.salon domain name
credit	2175	.credit domain name
accountants	2176	.accountants domain name
loans	2177	.loans domain name
energy	2178	.energy domain name
tires	2179	.tires domain name
golf	2180	.golf domain name
creditcard	2181	.creditcard domain name
casino	2182	.casino domain name
movie	2183	.movie domain name
tld	2184	.tld domain name
sexy	2500	.sexy domain name
tattoo	2501	.tattoo domain name
link	2502	.link domain name
guitars	2503	.guitars domain name

gift	2504	.gift domain name
pics	2505	.pics domain name
photo	2506	.photo domain name
christmas	2507	.christmas domain name
blackfriday	2508	.blackfriday domain name
hiphop	2509	.hiphop domain name
juegos	2510	.juegos domain name
audio	2511	.audio domain name
click	2512	.click domain name
hosting	2513	.hosting domain name
property	2514	.property domain name
auto	2520	.auto domain name
car	2521	.car domain name
cars	2522	.cars domain name
game	2523	.game domain name
flowers	2524	.flowers domain name
cloud	2600	.cloud domain name
courses	2601	.courses domain name
film	2602	.film domain name
menu	2603	.menu domain name
men	2604	.men domain name
study	2605	.study domain name
sydney	2606	.sydney domain name
one	2607	.one domain name
bayern	2700	.bayern domain name
beer	2701	.beer domain name
casa	2702	.casa domain name
cooking	2703	.cooking domain name
country	2704	.country domain name
fashion	2705	.fashion domain name
fishing	2706	.fishing domain name
fit	2707	.fit domain name
garden	2708	.garden domain name
horse	2709	.horse domain name
rodeo	2710	.rodeo domain name
surf	2711	.surf domain name
vodka	2712	.vodka domain name
wedding	2713	.wedding domain name
work	2714	.work domain name
yoga	2715	.yoga domain name
vip	2716	.vip domain name
blog	2718	.blog domain name
ag	2719	.ag domain name
com.ag	2720	.com.ag domain name
net.ag	2721	.net.ag domain name
org.ag	2722	.org.ag domain name
nom.ag	2723	.nom.ag domain name
co.ag	2724	.co.ag domain name
bz	2725	.bz domain name
lc	2726	.lc domain name
com.lc	2727	.com.lc domain name
net.lc	2728	.net.lc domain name
org.lc	2729	.org.lc domain name
co.lc	2730	.co.lc domain name
l.lc	2731	.l.lc domain name

p.lc	2732	.p.lc domain name
mn	2733	.mn domain name
sc	2734	.sc domain name
vc	2735	.vc domain name
com.vc	2736	.com.vc domain name
net.vc	2737	.net.vc domain name
org.vc	2738	.org.vc domain name
global	2740	.global domain name
black	2800	.black domain name
blue	2801	.blue domain name
kim	2802	.kim domain name
organic	2803	.organic domain name
pink	2804	.pink domain name
red	2805	.red domain name
pet	2806	.pet domain name
vote	2807	.vote domain name
voto	2808	.voto domain name
bet	2809	.bet domain name
poker	2810	.poker domain name
lotto	2811	.lotto domain name
lgbt	2812	.lgbt domain name
green	2813	.green domain name
pro	2814	.pro 2ld domain name
pro	2815	.pro 3ld domain name
top	770	.top domain name
city	2129	.city domain name
win	734	.win domain name
bid	735	.bid domain name
trade	736	.trade domain name
webcam	737	.webcam domain name
cricket	738	.cricket domain name
party	739	.party domain name
science	741	.science domain name
review	743	.review domain name
date	744	.date domain name
faith	745	.faith domain name
accountant	746	.accountant domain name
download	747	.download domain name
loan	748	.loan domain name
racing	749	.racing domain name
shop	909	.shop domain name
porn	932	.porn domain name
adult	934	.adult domain name
sex	936	.sex domain name
bar	942	.bar domain name
host	943	.host domain name
press	945	.press domain name
rest	946	.rest domain name
website	947	.website domain name
xyz	948	.xyz domain name
wiki	949	.wiki domain name
site	950	.site domain name
online	951	.online domain name
space	952	.space domain name
store	953	.store domain name

college	954	.college domain name
feedback	955	.feedback domain name
love	956	.love domain name
rent	957	.rent domain name
tech	958	.tech domain name
theatre	959	.theatre domain name
tickects	960	.trickects domain name
protection	961	.protected domain name
security	962	.security domain name
Note: please refer to appendix for more details.		

7.2.2. Manage Contacts

7.2.2.1. Check Contacts

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CheckContact
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name="contactid">VALUE</param>	Length 1-16. The ID created by CreateContact Command.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"checkcontact"+ domaintype + contactid)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CheckContact
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Returned result data listed. It lists nothing if no data returned.

`<data name="contactid">VALUE</data>`	Length 1-16, The ID created by CreateContact Command
`<data name="avail">0</data>`	Avail：contact availability label VALUE："0" means registered。 "1" means available.
`</resData>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique.
`<svtrid>SVTRID</svtrid>`	Order number in server.
`<chksum>CHKSUM</chksum>`	MD5 secret key between reseller and OnlineNIC CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

Command Description

Check if domains contacts exist.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>CheckContact</action>
    <params>
        <param name="domaintype">805</param>
        <param name="contactid">Oln6687161</param>
    </params>
    <cltrid>150132A1239162894B891</cltrid>
    <chksum>3fea52705725e36c3cff682390b985cf</chksum>
```

</request>

Returned parameters and values
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>CheckContact</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L143:no value</value>
    <resData>
        <data name="contactid">Oln6687161</data>
        <data name="avail">1</data>
    </resData>
    <cltrid>150132A1239162894B891</cltrid>
    <svtrid>150132A1239162894B891-API-SRV</svtrid>
    <chksum>f959d5fce7557051dffd9eaf5d595c69</chksum>
</response>

7.2.2.2. Create Contacts

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：domain
<action>ACTION</action>	ACTION：CreateContact
<params>	
Indispensable parameters	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
General parameters below (All domains need to submit the following info, except .EU if you use our default info)	
<param name="name">VALUE</param>	Length 1-60. Name
<param name="org">VALUE</param>	Length 1-60. Organization information
<param name="country">VALUE</param>	Length 2, Country Code： Please refer to Appendix for country code for EU and other extensions.
<param name="province">VALUE</param>	Length 1-60. Province/State information
<param name="city">VALUE</param>	Length 1-60. City information
<param name="street">VALUE</param>	Length 1-60. Street address
<param name="postalcode">VALUE</param>	Length 1-10. Post code
<param name="voice">VALUE</param>	Length 1-17. Telephone number (+CountryCode. PhoneNumber)

<param name="fax">VALUE</param>	Length 1-17. Fax number (+CountryCode. PhoneNumber)
<param name="email">VALUE</param>	Length 1-60, Email address for whois
<param name="password">VALUE</param>	Length 6-10, Contact's password
Particular Field	
Peculiar Parameter For EU(Only for registrant)	
<param name="euflag">VALUE</param>	Use our default info： 1-Yes,　0-No
<param name="regtype">VALUE</param>	Length 2, Registrant type： **In- Individual**,　**Co-Corporation** No need to input Organization info
Peculiar Parameter For CN(Only for registrant)	
<param name="manager">VALUE</param>	Length 1-60, Enterprise administrant name
<param name="industry">VALUE</param>	Length 2-3, The industry field which the holder is in. Please refer to industry type table in appendix.
Peculiar Parameter For ASIA(Only for CED)	
<param name="ccLocality">VALUE</param>	Length 2, Country Code for CED http://www.icann.org/en/meetings/montreal/ geo-regions-topic.htm AP = Asia&Pacific /Australia/
<param name="localitySp">VALUE</param>	Length 1-60. CED Province/State in English
<param name="localityCity">VALUE</param>	Length 1-60. CED Province/State in English
<param name="legalEntityType">VALUE</param>	Length 1-20. CED Type of Legal Entity. Please refer to Entity Type in appendix.
<param name="identForm">VALUE</param>	Length 1-25. CED Form of Identification Please view details in appendix.
<param name="identNumber">VALUE</param>	Length 1-30. CED Identification Number
<param name="otherLEType">VALUE</param>	Length 1-30. CED Type of Legal Entity (other).
<param name="otherIdentForm">VALUE</param>	Length 1-30, CED Form of Identification(other)
Peculiar Parameter For US(Only for Registrant)	
<param name="AppPurpose">VALUE</param>	Length 2, Tag AppPurpose and Category are strictly required for .US domain registration. AppPurpose has 5 kinds of values presenting certain registration purpose: P1:Business use for profit P2:Non-profit business, club, association, religious organization, etc. P3:Personal Use P4:Education purposes P5:Government purposes
<param name="NexusCategory">VALUE</param>	Length 6, NexusCategory means the information of Nexus, including three categories. Natural Person: C11: Who is a United States citizen C12: Who is a permanent resident of the United States of America or any of its possessions or territories C21: A United States Organization incorporated within one of the 50 U.S.

	states, the District of Columbia, or any of the United States possessions or territories or organized or otherwise constituted under the laws of a state of the United States of America, the District of Columbia or any of its possessions or territories or a U.S. federal, state or local government entity or a political subdivision thereof An entity or organization that has a bona fide presence in the United States of America or any of its possessions or territories: C31: Which regularly engages in lawful activities (sales off goods or services or other business, commercial or non-commercial, including not-for-profit relations in the United States) C32: Which has an office or other facility in the United States If it is Category 3, the country code should be added, just like: NexusCategory=C31/CN
Peculiar Parameter For UK(Only for Registrant)	
<param name="orgtype">VALUE</param>	length 1-9, Organization Type(English)：Please refer to 7.2.8.9 Organization Types for UK
<param name="licence">VALUE</param>	length 1-20, Business License #：Mandatory for for below Organization Types. (LTD,PLC,LLP,IP,SCH,RCHAR,FCORP)
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM= md5(clid+md5(clpass)+cltrid+"crtcontact"+ name(if exist) + org(if exist) + email(if exist))
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CreateContact
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
<data name="contactid">VALUE</data>	Length1-16, Return the new contact ID
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order Number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)

</response>	

Command Description

You should create 4 types of contact person (Registrant, Administrator, Technician, and Billing contact) before domain registration. The command may be represented in various ways for different domain type.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

The command may be represented in various ways for different domain type. Additional info is required for some extensions.

Notes

None

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>CreateContact</action>
    <params>
        <param name="domaintype">0</param>
        <param name="name">LukeY</param>
        <param name="org">OnlineNIC</param>
        <param name="country">US</param>
        <param name="province">FL</param>
        <param name="city">FLV</param>
        <param name="street">No 1 Street 1</param>
        <param name="postalcode">abcde</param>
        <param name="voice">+1.3950160530</param>
        <param name="fax">+1.3950160530</param>
        <param name="email">fist@onlinenic.com</param>
        <param name="password">5846213</param>
    </params>
    <cltrid>150132A1239072176B953</cltrid>
    <chksum>905c4747ab0abd6655c5fcf7029cbf39</chksum>
</request>
```

Returned parameters and values

```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>CreateContact</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L264:no value</value>
    <resData>
        <data name="contactid">oln7906088</data>
    </resData>
    <cltrid>150132A1239072176B953</cltrid>
    <svtrid>150132A1239072176B953-API-SRV</svtrid>
    <chksum>38b4b09b08c1efd80e071b17fd322c7e</chksum>
</response>
```

7.2.2.3. Update Contacts

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：domain
<action>ACTION</action>	ACTION：UpdateContact
<params>	
Indispensable Parameters	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length 1-67, Domain name
<param name="contacttype">VALUE</param>	Contact type：registrant - registrant, admin - administrator, tech - technician, billing - billing contact.
General parameters below(All domains need to submit the following info, except EU if you use our default info)	
<param name="name">VALUE</param>	Lenght1-60. Name
<param name="org">VALUE</param>	Length 1-60. Organization information
<param name="country">VALUE</param>	Length 2. Please refer to country code for EU and other extensions in Appendix.
<param name="province">VALUE</param>	Length 1-60. Province
<param name="city">VALUE</param>	Length 1-60. City
<param name="street">VALUE</param>	Length 1-60. Address
<param name="postalcode">VALUE</param>	Length 1-10. Post code
<param name="voice">VALUE</param>	Length 1-17. Telephone number (+CountryCode. PhoneNumber)
<param name="fax">VALUE</param>	Length 1-17. Fax number (+CountryCode. PhoneNumber)
<param name="email">VALUE</param>	Length 1-60. Email address for whois
<param name="password">VALUE</param>	Length 6-10. Contact's password
Particular Field	

Peculiar Parameter For EU(Only for registrant)	
<param name="euflag">VALUE</param>	Use our default info： 1-Yes, 0-No
<param name="regtype">VALUE</param>	Length 2, Registrant type： **In- Individual**, Co-**Corporation** No need to input Organization info
Peculiar Parameter For CN(Only for registrant)	
<param name="manager">VALUE</param>	Length 1-60. Enterprise administrant name
<param name="industry">VALUE</param>	Length 2-3, The industry field which the holder is in. Please refer to The industry Type value for CN domain names in appendix.
Peculiar Parameter For ASIA(Only for CED)	
<param name="ccLocality">VALUE</param>	Length 2. CED Country Code： http://www.icann.org/en/meetings/montreal/ geo-regions-topic.htm AP = Asia&Pacific/Australia
<param name="localitySp">VALUE</param>	Length 1-60. CED Province/State in English
<param name="localityCity">VALUE</param>	Length 1-60. CED Province/State in English
<param name="legalEntityType">VALUE</param>	Length 1-20. CED Type
<param name="identForm">VALUE</param>	Length 1-25. CED Form of Identification
<param name="identNumber">VALUE</param>	Length 1-30. CED Identification Number
<param name="otherLEType">VALUE</param>	Length 1-30. CED Type of Legal Entity
<param name="otherIdentForm">VALUE</param>	Length 1-30. CED Form of Identification
Peculiar Parameter For ASIA(Only for Registrant)	
<param name="AppPurpose">VALUE</param>	Length 2. Tag AppPurpose and Category are strictly required for .US domain registration. AppPurpose has 5 kinds of values presenting certain registration purpose: P1:Business use for profit P2:Non-profit business, club, association, religious organization, etc. P3:Personal Use P4:Education purposes P5:Government purposes
<param name="NexusCategory">VALUE</param>	Length 6. NexusCategory means the information of Nexus, including three categories. Natural Person: C11: Who is a United States citizen C12: Who is a permanent resident of the United States of America or any of its possessions or territories C21: A United States Organization incorporated within one of the 50 U.S. states, the District of Columbia, or any of the United States possessions or territories or organized or otherwise constituted nder the laws of a state of the United States of America, the District of Columbia or any of its possessions or territories or a U.S. federal, state or local government entity or a

	political subdivision thereof An entity or organization that has a bona fide presence in the United States of America or any of its possessions or territories: C31: Which regularly engages in lawful activities (sales off goods or services or other business, commercial or non-commercial, including not-for-profit relations in the United States) C32: Which has an office or other facility in the United States If it is Category 3, the country code should be added, just like: NexusCategory=C31/CN
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM= md5(clid+md5(clpass)+cltrid+"updatecontact"+ domaintype + domain + contacttype)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateContact
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
<data name="contactid">VALUE</data>	Length1-16. Return the new contact ID
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order Number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Update the certain contact info

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

The domain must be in your account. The command may be representing in various ways for different domain type. Additional info is required for some other extensions.

Notes

a. EU only has registrant contact. The registrant name, organization, registrant email address field can't be modified.

b. The registrant name for all domains is unavailable for modification. Please use ChangeRegistrant to update registrant name.

c. For .UK, only Registrant part of information is modifiable. For .CC, only Admin part of information is modifiable. For .TV, only Tech part of information is modifiable.

d. When modifying the admin part of information for .CC domain name, Organization name is unmodifiable.

e. When modifying registrant information for UK domain name, registrant name and organization name is unmodifiable.

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>UpdateContact</action>
    <params>
        <param name="domaintype">0</param>
        <param name="domain">menmen3.com</param>
        <param name="contacttype">tech</param>
        <param name="name">leon</param>
        <param name="org">OnlineNIC</param>
        <param name="country">US</param>
        <param name="province">LA</param>
        <param name="city"> LA</param>
        <param name="street"> No 1 Street 1</param>
        <param name="postalcode">361104</param>
        <param name="voice">+1.3950160530</param>
        <param name="fax">+1.3950160530</param>
        <param name="email">fist@onlinenic.com </param>
    </params>
    <cltrid>150132A1239072576B873</cltrid>
```

```
        <chksum>399b636783bee28bc3a49fc5785d6d20</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>UpdateContact</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L270:no value</value>
    <resData>
    </resData>
    <cltrid>150132A1239072576B873</cltrid>
    <svtrid>150132A1239072576B873-API-SRV</svtrid>
    <chksum>b93956c1058e65f589022d7c6f24a081</chksum>
</response>
```

7.2.2.4. Change Registrant

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：domain
<action>ACTION</action>	ACTION：ChangeRegistrant
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-67, Domain Name. Please refer to Domain Name Format in Appendix.
<param name="regtype">VALUE</param>	Length 2, Special for EU： **In- Individual**,　**Co-Corporation**
<param name="name">VALUE</param>	Length 1-60, Registrant name.
<param name="org">VALUE</param>	Length 1-60, Organization Info in Registrant field Note: for EU trade purpose.
<param name="email">VALUE</param>	Length 1-60, Email address Note: especially for EU trade.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"chgregistrant"+ domaintype + domain + name(if exist) + org(if exist) + email(if exist))
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：domain

`<action>ACTION</action>`	ACTION：ChangeRegistrant
`<code>CODE</code>`	1001 – EU trade request has been submitted successfully(pending) 1000 – The request has been processed successfully (success) Please refer to Codes Explanation in appendix.
`<msg>MSG</msg>`	Please refer to Codes Explanation in appendix.
`<value>VALUE</value>`	Please refer to Codes Explanation in appendix.
`<resData>`	
`<data name='domain'>VALUE</data>`	Length1-67, Domain name concerned
`<data name="price">VALUE</data>`	It shows only for EU trade
`<data name="status">VALUE</data>`	Length1-15,The status of operation(For EU, it returns pending trade. No data returned for other extensions
`</resData>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique
`<svtrid>SVTRID</svtrid>`	Order number which is generated by Server
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

Command Description

Change registrant name and/or Organization Information.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

For Eu trade, the domain name is required to be renewed for 1 year. The trade includes the modification of registrant/organization information and registrant email address.

Notes

a. As for .EU trade, it includes the modification of registrant/organization information and registrant email address.

b. For other extensions apart from .EU, this operation is referred to the modification of registrant name.

c. For the time being, this function is not applicable to .TW .TV .CC.

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>ChangeRegistrant</action>
    <params>
        <param name="domaintype">0</param>
        <param name="domain">menmen3.com</param>
        <param name="name">Leon</param>
        <param name="org">OnlineNIC</param>
    </params>
    <cltrid>150132A1239072576B873</cltrid>
    <chksum>399b636783bee28bc3a49fc5785d6d20</chksum>
</request>
```

Returned parameters and values

```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>ChangeRegistrant</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L270:no value</value>
    <resData>
        <data name="domain">menmen3.com</data>
    </resData>
    <cltrid>150132A1239072576B873</cltrid>
    <svtrid>150132A1239072576B873-API-SRV</svtrid>
    <chksum>b93956c1058e65f589022d7c6f24a081</chksum>
</response>
```

7.2.3. Domain Name Operations

7.2.3.1. Checking Availability

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CheckDomain

`<params>`	
`<param name="domaintype>VALUE</param>`	Domain Type ID. Please refer to Supported Domains Extensions.
`<param name='domain'>VALUE</param>`	Domain Name. Please refer to Domain Name Format in Appendix and be noted that use Puny code for IDN.
`</params>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique.
`<chksum>CHKSUM</chksum>`	CHKSUM= md5(clid+md5(clpass)+cltrid+"checkdomain"+ domaintype + domain)
`</request>`	
`<?xml version="1.0"?>`	
`<response>`	
`<category>CATEGORY</category>`	CATEGORY：'domain'
`<action>ACTION</action>`	ACTION：CheckDomain
`<code>CODE</code>`	Please refer to [Codes Explanation] in appendix.
`<msg>MSG</msg>`	Please refer to [Codes Explanation] in appendix.
`<value>VALUE</value>`	Please refer to [Codes Explanation] in appendix.
`<resData>`	Data Returned.
`<data name="domain">VALUE</data>`	Domain Name. Please refer to Domain Name Format in Appendix and be noted that use Puny code for IDN.
`<data name="avail">VALUE</data>`	=1 means the domain name is available for registration. =0 means not.
`<data name="premium">VALUE</data>`	True indicates this is a premium name.
`<data name="lookupkey">VALUE</data>`	A unique Lookup Key for a trademark claim for a domain name from Trademark Clearinghouse. Valid for up to 24 hours.
`</resData>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique
`<svtrid>SVTRID</svtrid>`	Order number which is generated by Server
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

Command Description

Check whether the domain name is available for registration or not.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```xml
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> CheckDomain </action>
  <params>
    <param name="domaintype">805</param>
    <param name="domain">akdkls5.info</param>
  </params>
  <cltrid>EppLogin150132-0000-1239153816</cltrid>
  <chksum>292abbbe828d3baf5efe9dd6b3a7598d</chksum>
</request>
```

Returned parameters and values
```xml
<?xml version="1.0"?>
<response>
        <category>domain</category>
        <action>CheckDomain</action>
        <code>1000</code>
        <msg>Command completed successfully</msg>
        <value>L130:no value</value>
        <resData>
                <data name="domain">akdkls5.info</data>
                <data name="avail">0</data>
        </resData>
```

<cltrid>EppLogin150132-0000-1239153816</cltrid>
            <svtrid>EppLogin150132-0000-1239153816-API-SRV</svtrid>
            <chksum>5856ffcd121ad3adf8bfff21e45a2d1b</chksum>
    </response>

7.2.3.2. Get Domain Info

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：InfoDomain
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	The domain name you want to fetch info and use Puny code for IDN. Please refer to Domain Name Format in Appendix.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM= md5(clid+md5(clpass)+cltrid+"infodomain"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：InfoDomain
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-67. Domain name
<data name="crDate">VALUE</data>	Length1-10. The date when domain was registered

`<data name="exDate">VALUE</data>`	Length1-10. The expiration date of domain name
`<data name="password">VALUE</data>`	Length6-16. Domain password
`<data name="dns">VALUE</data>`	Length1-120. It shows 6 DNS at most at a time。
`<data name="r_name">VALUE</data>`	Lenght1-60. Registrant name
`<data name="r_org">VALUE</data>`	Length 1-60. Organization information of registrant
`<data name="r_country">VALUE</data>`	Length 1-2. Country name of registrant
`<data name="r_province">VALUE</data>`	Length 1-60. Province of registrant
`<data name="r_city">VALUE</data>`	Length 1-60. City of registrant
`<data name="r_street">VALUE</data>`	Length 1-60. Address of registrant
`<data name="r_postalcode">VALUE</data>`	Length 1-10. Postcode of registrant
`<data name="r_voice">VALUE</data>`	Length 1-17. Telephone number of registrant
`<data name="r_fax">VALUE</data>`	Length 1-17. Fax number of registrant
`<data name="r_email">VALUE</data>`	Length 1-60. Email address of registrant
`<data name="r_password">VALUE</data>`	Length 6-10. Contact's password of registrant
`<data name="a_name">VALUE</data>`	Lenght1-60. Administrator name
`<data name="a_org">VALUE</data>`	Length 1-60. Organization information of administrator
`<data name="a_country">VALUE</data>`	Length 1-2. Country name of administrator
`<data name="a_province">VALUE</data>`	Length 1-60. Province of administrator
`<data name="a_city">VALUE</data>`	Length 1-60. City of administrator
`<data name="a_street">VALUE</data>`	Length 1-60. Address of administrator
`<data name="a_postalcode">VALUE</data>`	Length 1-10. Postcode of administrator
`<data name="a_voice">VALUE</data>`	Length 1-17. Telephone number of administrator
`<data name="a_fax">VALUE</data>`	Length 1-17. Fax number of administrator
`<data name="a_email">VALUE</data>`	Length 1-60. Email address of administrator
`<data name="a_password">VALUE</data>`	Length 6-10. Contact's password of administrator
`<data name="t_name">VALUE</data>`	Lenght1-60. Technical name
`<data name="t_org">VALUE</data>`	Length 1-60. Organization information of technical
`<data name="t_country">VALUE</data>`	Length 1-2. Country name of technical
`<data name="t_province">VALUE</data>`	Length 1-60. Province of technical
`<data name="t_city">VALUE</data>`	Length 1-60. City of technical
`<data name="t_street">VALUE</data>`	Length 1-60. Address of technical
`<data name="t_postalcode">VALUE</data>`	Length 1-10. Postcode of technical
`<data name="t_voice">VALUE</data>`	Length 1-17. Telephone number of technical
`<data name="t_fax">VALUE</data>`	Length 1-17. Fax number of technical
`<data name="t_email">VALUE</data>`	Length 1-60. Email address of technical

<data name="t_password">VALUE</data>	Length 6-10. Contact's password of technical
<data name="b_name">VALUE</data>	Lenght1-60. Billing name
<data name="b_org">VALUE</data>	Length 1-60. Organization information of billing
<data name="b_country">VALUE</data>	Length 1-2. Country name of billing
<data name="b_province">VALUE</data>	Length 1-60. Province of billing
<data name="b_city">VALUE</data>	Length 1-60. City of billing
<data name="b_street">VALUE</data>	Length 1-60. Address of billing
<data name="b_postalcode">VALUE</data>	Length 1-10. Postcode of billing
<data name="b_voice">VALUE</data>	Length 1-17. Telephone number of billing
<data name="b_fax">VALUE</data>	Length 1-17. Fax number of billing
<data name="b_email">VALUE</data>	Length 1-60. Email address of billing
<data name="b_password">VALUE</data>	Length 6-10. Contact's password of billing
Other Special data	
<data name="ced">VALUE</data>	Length1-17. CED info for ASIA
Other parameters (please refer to Create Contacts)	
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Get domain whois information

Demo Guide

Please login https://ote.onlinenic.com/apidemo_oversea/index.php and click
DomainManage>InfoDomain

Constraints

None

Notes

None

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>InfoDomain</action>
    <params>
        <param name="domaintype">0</param>
        <param name="domain">testtestonl.com</param>
    </params>
    <cltrid>client1356101502160328284297</cltrid>
    <chksum>12b10435b62f62d64649afb7a134d235</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>InfoDomain</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L125:no value</value>
    <resData>
        <data name="domain">testtestonl.com</data>
        <data name="crDate">2015-02-16</data>
        <data name="exDate">2016-02-16</data>
        <data name="password">d763c394f6a9c868ce44dcf4ddd253f0</data>
        <data name="dns">ns1.dns-diy.com</data>
        <data name="dns">ns2.dns-diy.com</data>
        <data name="r_name">YOYO</data>
        <data name="r_org">onlc</data>
        <data name="r_country">US</data>
        <data name="r_province">FL</data>
        <data name="r_city">FLV</data>
        <data name="r_address">No 1 Street 1</data>
        <data name="r_postalcode">abcde</data>
        <data name="r_telephone">+1.3950160530</data>
        <data name="r_fax">+1.3950160530</data>
        <data name="r_email">fisttest@onlc.com</data>
        <data name="a_name">YOYO</data>
        <data name="a_org">onlc</data>
        <data name="a_country">US</data>
        <data name="a_province">FL</data>
        <data name="a_city">FLV</data>
        <data name="a_address">No 1 Street 1</data>
```

```
                <data name="a_postalcode">abcde</data>
                <data name="a_telephone">+1.3950160530</data>
                <data name="a_fax">+1.3950160530</data>
                <data name="a_email">fisttest@onlc.com</data>
                <data name="t_name">YOYO</data>
                <data name="t_org">onlc</data>
                <data name="t_country">US</data>
                <data name="t_province">FL</data>
                <data name="t_city">FLV</data>
                <data name="t_address">No 1 Street 1</data>
                <data name="t_postalcode">abcde</data>
                <data name="t_telephone">+1.3950160530</data>
                <data name="t_fax">+1.3950160530</data>
                <data name="t_email">fisttest@onlc.com</data>
                <data name="b_name">YOYO</data>
                <data name="b_org">onlc</data>
                <data name="b_country">US</data>
                <data name="b_province">FL</data>
                <data name="b_city">FLV</data>
                <data name="b_address">No 1 Street 1</data>
                <data name="b_postalcode">abcde</data>
                <data name="b_telephone">+1.3950160530</data>
                <data name="b_fax">+1.3950160530</data>
                <data name="b_email">fisttest@onlc.com</data>
            </resData>
            <cltrid>client13561015021603282 84297</cltrid>
            <svtrid>client13561015021603282 84297-API-SRV</svtrid>
            <chksum>c05e0f088b199db9b98088c67119c4c8</chksum>
        </response>
```

7.2.3.3. Register Domain

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CreateDomain
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name="mltype">VALUE</param>	The type value for Internationalized domain name. Please refer to Domain Name Typle Table in Appendix. Leave it empty or null for

	non-IDN
<param name='domain'>VALUE</param>	Length1-68, The domain name you want to register and use Puny code for IDN.
<param name="period>VALUE</param>	The duration period (years) you want to apply for registration and the value is limited within 10 (1-10). For .CO, the # of years of registration duration is within 5 (1-5).
<param name="dns">VALUE</param>	Length1-120. The first DNS
<param name="dns">VALUE</param>	Length1-120. The second DNS
<param name="dns">VALUE</param>	Length1-120. The third DNS (optional)
<param name="dns">VALUE</param>	Length1-120. The fourth DNS (optional)
<param name="dns">VALUE</param>	Length1-120. The fifth DNS (optional)
<param name="dns">VALUE</param>	Length1-120. The sixth DNS (optional)
<param name="registrant">VALUE</param>	Length1-16. Registrant contact ID
<param name="admin">VALUE</param>	Length1-16. Administrator contact ID Leave this field empty for EU,UK registration.
<param name="tech">VALUE</param>	Length1-16. Technician contact ID Leave this field empty for EU,UK registration.
<param name="billing">VALUE</param>	Length1-16. Billing contact ID Leave this field empty for EU,UK registration.
<param name="ced>VALUE</param>	Length1-16. .ASIA registration needed. One of CED contactor info. Please refer to CreateContact Command.
<param name="password">VALUE</param>	Length6-16. Domain password.
<param name="whoistype">VALUE</param>	(required for .TEL) Registrant types and its values： ·natural：represent individual ·legal：represent company or corporation
<param name="publish">VALUE</param>	(required for .TEL) Opt out whois，values： ·y：not opt out ·n：opt out
<param name="premium">VALUE</param>	(required for a premium name) If this domain name is a premium name, it must be setted.
<param name="noticeId">VALUE</param>	(required for TMCH name) Use the GetTmNotice command to retrieve the value.
<param name="notAfter">VALUE</param>	(required for TMCH name) Use the GetTmNotice command to retrieve the value.
<param name="notAccept">VALUE</param>	(required for TMCH name) The date and time when the registrant acknowledged the Trademark Claims Notice.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	For .EU,.UK, CHKSUM =md5(clid+md5(clpass)+cltrid+"createdoma

	in"+domaintype+domain+period+dns2+registrant+password); For .ASIA, CHKSUM = md5(clid+md5(clpass)+cltrid+"createdomain"+domaintype+domain+period+dns1+dns2+registrant+admin+tech+billing+ced+password); For .TV, CHKSUM = md5(clid+md5(clpass)+cltrid+"createdomain"+domaintype+domain+period+dns1+dns2+admin+tech+password); For other extensions, CHKSUM =md5(clid+md5(clpass)+cltrid+"createdomain"+domaintype+domain+period+dns1+dns2+registrant+admin+tech+billing+password);
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CreateDomain
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data returned.
<data name='domain'>VALUE</data>	length1-68, Domain registered
<data name="reg_date">VALUE</data>	Length1-10, this value shows the registration date of domain. The format of date is like 2008-12-12
<data name="exp_date">VALUE</data>	Length1-10, this value shows the expiration date of domain. Date format, yyyy-mm-dd.
</resData>	
<svtrid>SVTRID</svtrid>	Order Number.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value
</response>	

Command Description

Register domain

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

- EU,UK only requires registrant contact ID, and.ASIA needs CED contact ID.
- The initiation year for EU is one year.
- (IDN.com/net, IDN.biz): the domain names contains info of the General Office of the CPC Central Committee are not allowed to be registered.
- plc.uk and ltd.uk are not supported
- The number of duration (years) for CO registration is limited in 5 (1-5)

Notes

None

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>CreateDomain</action>
    <params>
        <param name="domaintype">0</param>
        <param name="mltype">0</param>
        <param name="domain">oln7906076test.com</param>
        <param name="period">2</param>
        <param name="dns">ns1.dns-diy.com</param>
        <param name="dns">ns2.dns-diy.com</param>
        <param name="registrant">oln7906076</param>
        <param name="tech">oln7906076</param>
        <param name="billing">oln7906076</param>
        <param name="admin">oln7906076</param>
        <param name="password">testaa</param>
    </params>
    <cltrid>150132A1239070684B270</cltrid>
<chksum>24de3bbb4adf06f836e258d8482d26c0</chksum>
</request>
```

Returned parameters and values

```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>CreateDomain</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L408:no value</value>
    <resData>
        <data name="domain">oln7906076test.com</data>
        <data name="reg_date">2009-4-6</data>
        <data name="exp_date">2011-4-6</data>
    </resData>
    <cltrid>150132A1239070684B270</cltrid>
    <svtrid>150132A1239070684B270-API-SRV</svtrid>
    <chksum>8df42b0fc28176bf489258a6032ce57a</chksum>
</response>
```

7.2.3.4. Renew Domain

Definition

Label	Definition
Command：	
`<?xml version="1.0"?>`	
`<request>`	
`<category>CATEGORY</category>`	CATEGORY：'domain'
`<action>ACTION</action>`	ACTION：RenewDomain
`<params>`	
`<param name="domaintype>VALUE</param>`	Domain Type ID. Please refer to Supported Domains Extensions.
`<param name='domain'>VALUE</param>`	Length1-68, The domain name you want to register and use Puny code for IDN.
`<param name="period>VALUE</param>`	The duration period (years) you want to apply for registration and the value is limited within 10 (1-10). For .CO, the # of years of registration duration is within 5 (1-5).
`</params>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid+md5(clpass)+cltrid+"renewdomain "+ domaintype + domain + period)
`</request>`	
Returned parameters and values	
`<?xml version="1.0"?>`	
`<response>`	
`<category>CATEGORY</category>`	CATEGORY：'domain'
`<action>ACTION</action>`	ACTION：RenewDomain.
`<code>CODE</code>`	Please refer to Codes Explanation in appendix.
`<msg>MSG</msg>`	Please refer to Codes Explanation in

	appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-67. Domain name
<data name="exDate">VALUE</data>	Length1-10. Expiration date
</resData>	
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Renew the domain in your account. And the total duration years must qualify the criteria as noted in table above.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Note, Type, name, and period stand for the domain type，domain name you want to renew and the years you want to extend domain name respectively.

Constraints

- Please use Puny Code for IDN domains
- For .CC, conduct renewal process once within 1 day.
- The products package can not be separated.
- The valid duration of .CO registration is within 5 years.

Notes

None

Example

```
<?xml version="1.0"?>
<request>
  <category> domain <category>
  <action> RenewDomain <action>
```

```
<params>
   <param name="domaintype">906</param>
   <param name="domain">2423428eqwrqwer.me</param>
   <param name="period">1</param>
</params>
<cltrid>EppLogin150132-0000-1239086954</cltrid>
<chksum>0e745750e142e57d77ee13f7babcef72</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
        <category>domain</category>
        <action>RenewDomain</action>
        <code>1000</code>
        <msg>Command completed successfully</msg>
        <value>L476:null</value>
        <resData>
                <data name="domain">2423428eqwrqwer.me</data>
                <data name="exDate">2018-03-29</data>
        </resData>
        <cltrid>EppLogin150132-0000-1239086954</cltrid>
        <svtrid>EppLogin150132-0000-1239086954-API-SRV</svtrid>
        <chksum>1833d9d09396e3f4ea495d40a04c190c</chksum>
</response>
```

7.2.3.5. Delete Domain

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：DeleteDomain
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68, The domain name you want to delete and use PUNY-encoded names for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM =

	md5(clid+md5(clpass)+cltrid+"deldomain"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：DeleteDomain
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Delete Domain.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

- .WS, .UK, .VN, .EU, .TV, .CO, .XXX, .PW can't be deleted.
- If the domain name has been renewed after registration, it can't be deleted.
- Besides hold, if the domain name is tagged with locked status, it can't be deleted.
- After deletion, the registration fee and ID shied fee will be refunded. Please be noted the deletion processing fee is 1$.
- The domain can't be deleted if it was registered and then renewed after registration. In other words, the new registered domain without renewal can be deleted within 72 hours after registration date.
- COM/NET/ORG/ASIA/MOBI/INFO/US/NAME/BIZ/IN/TW/TEL, the following rules apply,
  - ・ The domain can't be deleted if it was registered and then renewed after registration. In other words, the new registered domain without renewal can be deleted within 72 hours after registration date.
  - ・ The number of available deleted domains relates with the number of domain

registration this month. The number of available deleted domains only can accounts for 6% of total number of domain registration this month. For example, the number of domain registration is X and the number of domain deletion is Y, which must meet the condition Y≤(X-Y)*6%. That is to say, you can delete 1 .biz domain, if you register 18 .biz domains this month; you can delete 2 .biz domains if you register 36 .biz domains and so forth.

- For .ME
  - The domain can't be deleted if it is registered and then renewed after registration. The new registered domain without renewal can be deleted within 24 hours after registration date.
  - The number of available deleted domains relates with the number of domain registration this month. The number of available deleted domains only can accounts for 6% of total number of domain registration this month. For example, the number of domain registration is X and the number of domain deletion is Y, which must meet the condition Y≤(X-Y)*6%.
- For .CC
  - The new registration followed by added renewal can't be deleted. The new registered domain without added renewal can be deleted within 48 hours after registration date.
  - The number of available deleted domains relates with the number of domain registration this month. The number of available deleted domains only can accounts for 6% of total number of domain registration this month. For example, the number of domain registration is X and the number of domain deletion is Y, which must meet the condition Y≤(X-Y)*6%.

Notes

None

Example

```
<?xml version="1.0"?>
<request>
  <category> domain <category>
  <action> DeleteDomain <action>
  <params>
    <param name="domaintype">0</param>
    <param name="domain">athenstest.net</param>
  </params>
  <cltrid>EppLogin150132-0000-1236562011</cltrid>
  <chksum>229998329c0f36dd45e7be6529d2aa28</chksum>
</request>
```

Returned parameters and values

```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>DeleteDomain</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>Command completed successfully</value>
    <resData> </resData>
    <cltrid>EppLogin150132-0000-1236562206</cltrid>
    <svtrid>EppLogin150132-0000-1236562206-API-SRV</svtrid>
    <chksum>ae63761f541114a94077aaf060207d0c</chksum>
</response>
```

7.2.3.6.　Update Domain Status

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateDomainStatus
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-67. The domain name you want to update status and use PUNY-encoded names for IDN.　Please refer to Domain Name Format in Appendix.
<param name="addstatus">VALUE</param>	Length1-30. Add status to domain (optional).
	ClientTransferProhibited means domain is prohibited from being transferred.
<param name="remstatus">VALUE</param>	Length1-30,　remove status from domain
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	md5(clid+md5(clpass)+cltrid+"updatedomainstatus"+ domaintype + domain)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	

<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateDomainStatus
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Add/remove the status of clientTransferProhibited to/from the domain name.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

Supported Extensions are as below,

COM/ NET/ ORG/ NAME/ ASIA/ BIZ/ US/ INFO/ IN/ ME/ MOBI/ CC/ TV/ TW/ UK/ TEL/ CO/ XXX/ PW /CLUB

Notes

● For .CC/.TV, the status could be added by "addstatus" and cancelled by "remstatus". Addstatus and remstatus can not be executed in the same process.

Example

<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> UpdateDomainStatus </action>

```
      <params>
        <param name="domaintype">805</param>
        <param name="domain">akdkls5.info</param>
        <param name="addstatus">clientTransferProhibited</param>
      </params>
      <cltrid>EppLogin150132-0000-1239155001</cltrid>
      <chksum>4f7605138e5062eb572480d9447cddb0</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
        <category>domain</category>
        <action>UpdateDomainStatus</action>
        <code>1000</code>
        <msg>Command completed successfully</msg>
        <value>L255:no value</value>
        <cltrid>EppLogin150132-0000-1239155001</cltrid>
        <svtrid>EppLogin150132-0000-1239155001-API-SRV</svtrid>
        <chksum>ac6ee97f7ea61202e6f9dd0f02963923</chksum>
</response>
```

7.2.3.7. Value-Added services

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateDomainExtra
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68, The domain name you want to add/remove VAS and use PUNY-encoded names for IDN.
<param name="addextra">VALUE</param>	Length1-30, add value-added service to domain (optional). Note: currently, it is only for clientAutoRenw.
<param name="remextra">VALUE</param>	Length1-30, remove value-added service to

	domain (optional).
	Note: currently, it is only for clientAutoRenw.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM md5(clid+md5(clpass)+cltrid+"upddomainextra"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateDomainExtra.
<code>CODE</code>	Please refer to [Codes Explanation](#) in appendix.
<msg>MSG</msg>	Please refer to [Codes Explanation](#) in appendix.
<value>VALUE</value>	Please refer to [Codes Explanation](#) in appendix.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Add/remove the value-added service to/from domain

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Notes

This command only supports autorenewal feature at present.

Example

<?xml version="1.0"?>

```
<request>
<category>domain</category>
    <action>UpdateDomainExtra</action>
    <params>
        <param name="domaintype">0</param>
        <param name="domain">1981198135.com</param>
        <param name="addextra">clientAutoRenew</param>
    </params>
    <cltrid>150132A1239155645B829</cltrid>
    <chksum>b14491cef3808b6b6507f80348f7f13e</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>UpdateDomainExtra</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L200:no value</value>
    <resData>
    </resData>
    <cltrid>150132A1239155645B829</cltrid>
    <svtrid>150132A1239155645B829-API-SRV</svtrid>
    <chksum>00a06e319910239d4b7d486e44e3c1e6</chksum>
</response>
```

7.2.3.8.　Update Domain NameServers

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateDomainDns
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to update DNS and use PUNY-encoded names for IDN.

<param name="nameserver">VALUE</param>	Length 1-120. The first DNS..
<param name="nameserver">VALUE</param>	Length 1-120. The second DNS..
<param name="nameserver">VALUE</param>	(optional) Length 1-120. The third DNS..
<param name="nameserver">VALUE</param>	(optional) Length 1-120. The fourth DNS..
<param name="nameserver">VALUE</param>	(optional) Length 1-120. The fifth DNS..
<param name="nameserver">VALUE</param>	(optional) Length 1-120. The sixth DNS..
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM= md5(clid+md5(clpass)+cltrid+"updatedomaindns"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateDomainDns.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Modify the DNS of domain.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

- .TEL is not supported
- At most two DNS for .EU, while six DNS for other extensions.

Example

```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> UpdateDomainDns </action>
  <params>
    <param name="domaintype">807</param>
    <param name="domain">asdf231.org</param>
    <param name="nameserver">ns1.dns-diy.com</param>
    <param name="nameserver">ns4.dns-diy.com</param>
  </params>
  <cltrid>EppLogin150132-0000-1239155979</cltrid>
  <chksum>eb9754c18f1029cd769ac1629e138cd4</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
        <category>domain</category>
        <action>UpdateDomainDns</action>
        <code>1000</code>
        <msg>Command completed successfully</msg>
        <value>L356:no value</value>
        <resData>
        </resData>
        <cltrid>EppLogin150132-0000-1239155979</cltrid>
        <svtrid>EppLogin150132-0000-1239155979-API-SRV</svtrid>
        <chksum>d59c6d2386b3fa81a497e1608de83590</chksum>
</response>
```

7.2.3.9. Change Domain Password

Definition

Label	Definition
Command：	

<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateDomainPwd
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to change password and use PUNY-encoded names for IDN. Please refer to Domain Name Format in Appendix.
<param name="password>VALUE</param>	Length6-16. The new password.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"updatedomainpwd"+ domaintype + domain + password)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateDomainPwd.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Change domain password.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/.

Constraints

None

Notes

None

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>UpdateDomainPwd</action>
    <params>
        <param name="domaintype">805</param>
        <param name="domain">zxcvzxcvc.info</param>
        <param name="password">fsdhsdfh</param>
    </params>
    <cltrid>150132A1239159696B510</cltrid>
    <chksum>20750aeec40c907912189ceff5ed6985</chksum>
</request>
```

Returned parameters and values
```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>UpdateDomainPwd</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L131:no value</value>
    <resData>
        <data name="domain">zxcvzxcvc.info</data>
    </resData>
    <cltrid>150132A1239159696B510</cltrid>
    <svtrid>150132A1239159696B510-API-SRV</svtrid>
    <chksum>2d86a6d226def4e14149d4e0b31d5096</chksum>
</response>
```

7.2.3.10. Get Info of Domain VAS

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：InfoDomainExtra
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to change password and use PUNY-encoded names for IDN. Please refer to Domain Name Format in Appendix.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"infodomainextra"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：InfoDomainExtra.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. The registered domain.
<data name="extra">VALUE</data>	Length1-30. Valued-added service info. clientAutoRenew – domain auto-renewal service clientIdShield – domain ID shield service ok – none value-added service
<data name="status">VALUE</data>	Length1-30. Get the current status of domain name from the registry.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by server.

`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

Command Description

Get the information of valued-added service of a domain

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>InfoDomainExtra</action>
    <params>
        <param name="domain">zxcvzxcvc.info</param>
        <param name="domaintype">805</param>
    </params>
    <cltrid>150132A1239155673B7</cltrid>
    <chksum>bb3dce42c916b49c8012d89074087f66</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>InfoDomainExtra</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
```

```
<value>L149:not value</value>
<resData>
    <data name="status">ok</data>
</resData>
<cltrid>150132A1239155673B7</cltrid>
<svtrid>150132A1239155673B7-API-SRV</svtrid>
<chksum>2d6efcd2e34d490a3dbe913a9c8faff3</chksum>
</response>
```

7.2.3.11. Get Auth Code

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：GetAuthcode
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to change password and use Puny code for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"getauthcode" + domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：GetAuthcode
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. Domain name.
<data name="password">VALUE</data>	Length6-16. Domain Auth Code.

</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Get the Auth Code for domains transfer purpose.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>GetAuthcode</action>
    <params>
        <param name="domain">zxcvzxcvc.info</param>
        <param name="domaintype">805</param>
    </params>
    <cltrid>150132A1239155781B506</cltrid>
    <chksum>7f22bf13e50f6427fa9a6ac197e12c85</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
    <category>domain</category>
```

```
        <action>GetAuthcode</action>
        <code>1000</code>
        <msg>Command completed successfully</msg>
        <value>L133:no value</value>
        <resData>
            <data name="domain">zxcvzxcvc.info</data>
            <data name="password">zxcvzxcvc</data>
        </resData>
        <cltrid>150132A1239155781B506</cltrid>
        <svtrid>150132A1239155781B506-API-SRV</svtrid>
        <chksum>357c9f9eea2a9ca7d48d28fbd3bd7cc8</chksum>
    </response>
```

7.2.3.12. Get Notice for TMCH

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：GetTmNotice
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='lookupkey'>VALUE</param>	A unique Lookup Key for a domain. Use the CheckDomain command to retrieve the value.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"gettmnotice"+ domaintype + lookupkey)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：GetTmNotice
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.

`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique.
`<svtrid>SVTRID</svtrid>`	Order number which is generated by Server.
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

Command Description

Retrieve an itemized list of Trademark Clearinghouse (TMCH) Claims for a Domain Type ID using a Lookup Key.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>GetTmNotice</action>
    <params>
        <param name="domaintype">740</param>
        <param
name="lookupkey">2015022500/F/3/4/80cNbPbcXU1vwThl65eatr9u0000000393</para
m>
    </params>
    <cltrid>client13561015022500108029782</cltrid>
    <chksum>38938ea13c29c751e67e7cf8edc50579</chksum>
</request>
```

Returned parameters and values
`<?xml version="1.0" encoding="utf-8"?>`

```
<response>
    <category>domain</category>
    <action>GetTmNotice</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>not value</value>
    <resData>
        <data name="noticeId">cb2f4af40000000000000283927</data>
        <data name="notAfter">2015-02-27T00:00:00.0Z</data>
        <data name="noticeContent">TRADEMARK NOTICE
```
You have received this Trademark Notice because you have applied for a domain name which matches at least one trademark record submitted to the Trademark Clearinghouse. You may or may not be entitled to register the domain name depending on your intended use and whether it is the same or significantly overlaps with the trademarks listed below. Your rights to register this domain name may or may not be protected as noncommercial use or "fair use" by the laws of your country.

Please read the trademark information below carefully, including the trademarks, jurisdictions, and goods and services for which the trademarks are registered. Please be aware that not all jurisdictions review trademark applications closely, so some of the trademark information below may exist in a national or regional registry which does not conduct a thorough or substantive review of trademark rights prior to registration.

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Mark: nike

Jurisdiction: United States of America

Goods and Services: sdfasdfasdfasdf

International Class of Goods and Services or Equivalent if applicable: Chemicals used in industry, science and photography, as well as in agriculture, horticulture and forestry; unprocessed artificial resins, unprocessed plastics; manures; fire extinguishing compositions; tempering and soldering preparations; chemical substances for preserving foodstuffs; tanning substances; adhesives used in industry.

Trademark Registrant: adfs

Trademark Registrant Contact: Authentic Web Inc.

For more information concerning the records included in this notice, see
http://www.trademark-clearinghouse.com/content/claims-notice.</data>
```
    </resData>
    <cltrid>client13561015022250108029782</cltrid>
    <svtrid>client13561015022250108029782-API-SRV</svtrid>
    <chksum>ae3163802e9b73a37dda573c2ab661ad</chksum>
```

</response>

7.2.3.13. Get Domain Price

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：GetDomainPrice
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name="domain">VALUE</param>	Length1-68. The domain name you want to change password and use Puny code for IDN.
<param name="op">VALUE</param>	="reg" means register domain ="renew" means renew domain ="transfer" means transfer domain
<param name="period">VALUE</param>	Permitted value is limited within 10 (1-10) for most domains.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"getdomainprice"+ domaintype + domain + op + period)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：GetDomainPrice
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. Domain name.
<data name="price">VALUE</data>	This account's wholesale cost or retail price.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.

<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Retrieve this account's wholesale costs or retail prices.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>GetDomainPrice</action>
    <params>
        <param name="domaintype">0</param>
        <param name="domain">example.com</param>
        <param name="op">reg</param>
        <param name="period">1</param>
    </params>
    <cltrid>client13561015022050113043640</cltrid>
    <chksum>242040532c37eb811f8e33f095e06dcc</chksum>
</request>
```

Returned parameters and values
```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>GetDomainPrice</action>
```

```
<code>1000</code>
<msg>Command completed successfully</msg>
<value>L115:no value</value>
<resData>
    <data name="domain">example.com</data>
    <data name="price">8.59</data>
</resData>
<cltrid>client13561015502250113043640</cltrid>
<svtrid>client13561015502250113043640-API-SRV</svtrid>
<chksum>362a35e54d67a4a00bdbaa6e4bc1136f</chksum>
</response>
```

7.2.3.14. Update XXX member Id

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateXxxMemberId
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to change password and use Puny code for IDN.
<param name="memberid">VALUE</param>	Member Authorization Token.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"updatexxxmemberid"+ domaintype + domain + memberid)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateXxxMemberId
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.

<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Sets or remove the Member Authorization Token for a XXX domain name.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>UpdateXxxMemberId</action>
    <params>
        <param name="domaintype">930</param>
        <param name="domain">huangbin.xxx</param>
        <param name="memberid">2000102454</param>
    </params>
    <cltrid>client13561015022501117328270</cltrid>
    <chksum>bbf8204eb36874e6838aa49d60c8d502</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0" encoding="utf-8"?>
```

```
<response>
    <category>domain</category>
    <action>UpdateXxxMemberId</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>not value</value>
    <resData>
    </resData>
    <cltrid>client13561015022250117328270</cltrid>
    <svtrid>client13561015022250117328270-API-SRV</svtrid>
    <chksum>3c62132169b7f5f6ed83f4102f60ce69</chksum>
</response>
```

7.2.4. Manage NameServers

7.2.4.1. Checking Host

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY<category>	CATEGORY：'domain'
<action>ACTION<action>	ACTION：CheckHost
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name="hostname">VALUE</param>	Length1-120, DNS name
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"checkhost"+ domaintype + hostname)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY<category>	CATEGORY：'domain'
<action>ACTION<action>	ACTION：CheckHost
<code>CODE</code>	Please refer to Codes Explanation in

	appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data returned.
<data name="hostname">VALUE</data>	Hostname：the DNS submitted
<data name="avail">VALUE</data>	Avail：tag of DNS availability VALUE："0" means it has been registered； "1" means it is available
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Check the DNS whether it has been registered in its registry or not

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

DNS based on .CC domain names is unavailable for checking

Example

```
<?xml version="1.0"?>
<request>
  <category>domain</category>
  <action> CheckHost </action>
  <params>
    <param name="domaintype">220</param>
```

```
    <param name="hostname">ns1.aaa.cn</param>
  </params>
  <cltrid>Helloeveryone-7691223324696</cltrid>
  <chksum>83419dd95bf67eefb513dbfe26c85268</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
  <category> domain </category>
  <action> CheckHost </action>
  <code>1000</code>
  <msg> Command completed successfully</msg>
<value>no value</value>
  <resData>
    <data name="hostname">ns1.aaa.cn</data>
    <data name="avail">0</data>
  </resData>
  <cltrid> Helloeveryone-7691223324696</cltrid>
  <svtrid> Helloeveryone-7691223324696-OLNIC-SRV</svtrid>
  <chksum> 7f58cd1a8ce63e0e939fc3b53b364968</chksum>
</response>
```

7.2.4.2. Get NameServers Information

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：InfoHost
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name="hostname">VALUE</param>	Length1-120, DNS name
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM =

	md5(clid+md5(clpass)+cltrid+"infohost"+ domaintype + hostname)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：InfoHost
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name="hostname">VALUE</data>	Length1-120. DNS submitted.
<data name="addr">VALUE</data>	Length7-15. The IP address of DNS (IPV4)
<data name="addr">VALUE</data>	Length7-15. The IP of address DNS (IPV4)
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Get the information of DNS

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

The main domain of DNS must be in your account

Notes

DNS based on .CC domain names is unavailable for getting information

Example

```
<?xml version="1.0"?>
<request>
   <category>domain</category>
   <action> InfoHost </action>
   <params>
      <param name="domaintype">220</param>
      <param name="hostname">ns1.aaa.cn</param>
   </params>
   <cltrid>Helloeveryone-7691223324696</cltrid>
   <chksum>83419dd95bf67eefb513dbfe26c85268</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
   <category> domain </category>
   <action> InfoHost </action>
   <code>1000</code>
   <msg> Command completed successfully </msg>
<value>no value</value>
   <resData>
      <data name="hostname"> ns1.aaa.cn </data>
      <data name="addr">222.32.25.12</data>
      <data name="addr">222.32.25.13</data>
   </resData>
   <cltrid> Helloeveryone-7691223324696</cltrid>
   <svtrid> Helloeveryone-7691223324696-OLNIC-SRV </svtrid>
   <chksum>7f58cd1a8ce63e0e939fc3b53b364968</chksum>
</response>
```

7.2.4.3.   Create NameServers

Definition

Label	Definition

Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CreateHost
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name="hostname">VALUE</param>	Length1-120.　DNS name
<param name="addr">VALUE</param>	Length7-15.　addr：the IPV4 IP address of DNS. When the extension of main domain name of DNS is different from the domain type, the value of addr could be null. For example, you want to register hostname="ns1.aaa.com in .BIZ registry, you may leave value of addr null. But if you want to create DNS hostname=ns1.aaa.biz in .BIZ registry, you need to input IP address of addr.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"createhost"+ domaintype + hostname + addr (if exists))
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CreateHost
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid

	+ svtrid + code + msg + value)
</response>	

Command Description

Create DNS

Demo Guide

http://218.5.81.149/api/demo/3.x/en/
Note, please choose the exact registry and input the correct info of DNS and IP.

Constraints

The main domain of DNS must be in your account.
Only one IP could be appointed to DNS based on .TV domain name.

Notes

None

Example

1．Register DNS into registry：
```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> CreateHost </action>
  <params>
    <param name="domaintype">800</param>
    <param name="hostname">ns1.aaa.biz</param>
    <param name="addr">222.35.43.13</param>
  </params>
  <cltrid>Helloeveryone-7671223324694</cltrid>
  <chksum>e0c3c6bd1355e4ffcda2f87561bdd4b3</chksum>
</request>
```
2. Create DNS：
```
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> CreateHost </action>
```

```
    <params>
       <param name="domaintype">800</param>
       <param name="hostname">ns1.aaa.com</param>
    </params>
    <cltrid>Helloeveryone-7671223324694</cltrid>
    <chksum>e0c3c6bd1355e4ffcda2f87561bdd4b3</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
    <category> domain </category>
    <action> CreateHost </action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>no value</value>
    <cltrid> Helloeveryone-7671223324694</cltrid>
    <svtrid> Helloeveryone-7671223324694-OLNIC-SRV</svtrid>
    <chksum> d0ee7eeaa0fb477d7ed3ff70f19fd297</chksum>
</response>
```

7.2.4.4. Update NameServers

Definition

Label	Definition
Command：at least one of addaddr and remaddr must be necessary	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateHost
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name="hostname">VALUE</param>	Length1-120. DNS name
<param name="addaddr">VALUE</param>	Length7-15. The new IP of DNS name at the IPV4 format.
<param name="remaddr">VALUE</param>	Length7-15. Remove the current IP of DNS name.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by

	customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"updatehost"+ domaintype + hostname + addaddr(if exists) + remaddr(if exists))
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateHost
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Update IP address of DNS

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

a. The new IP address is required.
b. The main domain of DNS must be in your account.
c. Only one IP could be appointed to DNS based on .TV domain name.

Notes

None

Example

```xml
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> UpdateHost </action>
  <params>
    <param name="domaintype">0</param>
    <param name="hostname">ns1.test.com</param>
<param name="addaddr">222.35.63.22</param>
<param name="remaddr">222.35.63.21</param>
  </params>
  <cltrid> Helloeveryone-7671223324694</cltrid>
  <chksum> e0c3c6bd1355e4ffcda2f87561bdd4b3</chksum>
</request>
```

Returned parameters and values
```xml
<?xml version="1.0"?>
<response>
  <category> domain </category>
  <action> UpdateHost </action>
  <code>1000</code>
  <msg> Command completed successfully </msg>
<value>no value</value>
  <cltrid> Helloeveryone-7671223324694</cltrid>
  <svtrid> Helloeveryone-7671223324694-OLNIC-SRV </svtrid>
  <chksum> d0ee7eeaa0fb477d7ed3ff70f19fd297</chksum>
</response>
```

7.2.4.5. Delete NameServers

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'domain'

`<action>ACTION</action>`	ACTION：DeleteHost
`<params>`	
`<param name="domaintype">VALUE</param>`	Domain Type ID. Please refer to Supported Domains Extensions.
`<param name="hostname">VALUE</param>`	Lenght1-120, DNS name
`</params>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique.
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid+md5(clpass)+cltrid+"deletehost"+ domaintype + hostname)
`</request>`	
Returned parameters and values	
`<?xml version="1.0"?>`	
`<response>`	
`<category>CATEGORY</category>`	CATEGORY：'domain'
`<action>ACTION</action>`	ACTION：DeleteHost
`<code>CODE</code>`	Please refer to [Codes Explanation] in appendix.
`<msg>MSG</msg>`	Please refer to [Codes Explanation] in appendix.
`<value>VALUE</value>`	Please refer to [Codes Explanation] in appendix.
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique
`<svtrid>SVTRID</svtrid>`	Order number which is generated by Server
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

Command Description

Delete DNS

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

The DNS must in your control panel.

Notes

None

Example

```xml
<?xml version="1.0"?>
<request>
  <category> domain </category>
  <action> DeleteHost </action>
  <params>
    <param name="domaintype">0</param>
    <param name="hostname">ns1.test.com</param>
  </params>
  <cltrid> Helloeveryone-7671223324694</cltrid>
  <chksum> e0c3c6bd1355e4ffcda2f87561bdd4b3</chksum>
</request>
```

Returned parameters and values
```xml
<?xml version="1.0"?>
<response>
  <category> domain </category>
  <action> DeleteHost </action>
  <code>1000</code>
  <msg> Command completed successfully </msg>
<value>no value</value>
  <cltrid> Helloeveryone-7671223324694</cltrid>
  <svtrid> Helloeveryone-7671223324694-OLNIC-SRV </svtrid>
  <chksum> d0ee7eeaa0fb477d7ed3ff70f19fd297</chksum>
</response>
```

7.2.5. Manage ID Shield

7.2.5.1. Check Status of ID Shield

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：InfoIDShield
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to check status of ID Shield and use Puny code for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"infoidshield"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：InfoIDShield.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. Domain name
<data name="status">VALUE</data>	Length1-30. The current status of ID shield, clientIdShield – the ID Shield is on clientPause – The ID shield is paused
<data name="appDate">VALUE</data>	Length1-10. The date when ID Shield was applied Date format：yyyy-mm-dd.

`<data name="stDate">VALUE</data>`	Length1-10. It shows when ID Shield was started Date format：yyyy-mm-dd.
`<data name="exDate">VALUE</data>`	Length1-10. It shows when ID Shield will expire Date format：yyyy-mm-dd.
`</resData>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique
`<svtrid>SVTRID</svtrid>`	Order number which is generated by Server
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

Command Description

Get information about ID shield for domain name

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>InfoIDShield</action>
    <params>
        <param name="domaintype">805</param>
        <param name="domain">zxcvzxcvc.info</param>
    </params>
    <cltrid>150132A1239159965B803</cltrid>
    <chksum>2615123ac59902878fb60320d5c6d0bb</chksum>
</request>
```

```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>InfoIDShield</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L112:no value</value>
    <resData>
        <data name="domain">zxcvzxcvc.info</data>
        <data name="status">clientIdShield</data>
        <data name="appDate">2009-04-07</data>
        <data name="stDate">2009-04-07</data>
        <data name="exDate">2009-07-07</data>
    </resData>
    <cltrid>150132A1239159965B803</cltrid>
    <svtrid>150132A1239159965B803-API-SRV</svtrid>
    <chksum>f4c9ab4a82446c5f928cc5b8f6e8d071</chksum>
</response>
```

7.2.5.2.   Apply ID Shield

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：AppIDShield
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to apply for ID Shield and use Puny code for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"appidshield"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	

<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：AppIDShield
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. Domain name
<data name="status">VALUE</data>	Length1-30. The current status of ID shield service for a specific domain.
<data name="price">VALUE</data>	The price will be incurred
<data name="appDate">VALUE</data>	Length1-10. The date when ID Shield was applied. Date format：yyyy-mm-dd.
<data name="stDate">VALUE</data>	Length1-10. It shows the date when the ID Shield was started. Date format：yyyy-mm-dd.
<data name="exDate">VALUE</data>	Length1-10. It shows when ID Shield will expire. Date format：yyyy-mm-dd.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

    Apply for the ID Shield which acts as a firewall between you and outside world,
instead of your personal information. The fee will be incurred according to the situation.

Demo Guide

    http://218.5.81.149/api/demo/3.x/en/

Constraints

Notes

The following rules apply,
a. You may apply for FREE ID shiled service for domains which is registered,

renewed or transfered into OnlineNIC after July 10, 2008

    b. For those not qualify the condition a, the price is applied as below

    Fee = Price * (Months / 12)

    Months = ceil (days / 31)

    Days = Count days from the date when you apply for the ID shield/the current expiration date of ID shield to domains expiration date.

    Note, the result of ceil will be rounded to up. For example ceil (11.39) =12

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>AppIDShield</action>
    <params>
        <param name="domaintype">805</param>
        <param name="domain">zxcvzxcvc.info</param>
    </params>
    <cltrid>150132A1239159816B52</cltrid>
    <chksum>77d9fb618ed8c0f0cc6c08de33c9434f</chksum>
</request>
```

Returned parameters and values
```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>AppIDShield</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L120:no value</value>
    <resData>
        <data name="domain">zxcvzxcvc.info</data>
        <data name="status">clientIdShield</data>
        <data name="price">64.00</data>
        <data name="appDate">2009-04-07</data>
        <data name="stDate">2009-04-07</data>
        <data name="exDate">2009-07-07</data>
    </resData>
    <cltrid>150132A1239159816B52</cltrid>
    <svtrid>150132A1239159816B52-API-SRV</svtrid>
    <chksum>675c50a16510e6cda2e73065fd6b47b1</chksum>
</response>
```

7.2.5.3. Pause/Resume ID Shield

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateIDShield
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68, The domain name you want to pause/resume ID Shield and use PUNY-encoded names for IDN.
<param name="status">VALUE</param>	clientPause – Paused clientResume – Resumed
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"updateidshield"+ domaintype + domain)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：UpdateIDShield
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Pause or resume the ID Shield service.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

You can pause/resume ID Shield service on a domain three times for free. Hereafter **$2** will be charged for each operation.

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>UpdateIDShield</action>
    <params>
        <param name="domaintype">805</param>
        <param name="domain">zxcvzxcvc.info</param>
        <param name="status">clientPause</param>
    </params>
    <cltrid>150132A1239162587B968</cltrid>
    <chksum>24f6a2e8c182ce50b92eb851d84e670a</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>UpdateIDShield</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L131:no value</value>
    <resData>
        <data name="domain">zxcvzxcvc.info</data>
        <data name="status">clientPause</data>
    </resData>
    <cltrid>150132A1239162587B968</cltrid>
    <svtrid>150132A1239162587B968-API-SRV</svtrid>
    <chksum>56563275e4b72d2dc2e5c6109f5c7e7f</chksum>
```

</response>

7.2.5.4. Renew ID Shield

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：RenewIDShield
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to renew ID Shield and use PUNY-encoded names for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"renewidshield"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：RenewIDShield
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Extend the ID shield service for a domain name after its renewal.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

Notes

The price is applied as below
Fee = Price * (Months / 12)
Months = ceil (days / 31.00)
Days = Count days from the date you apply for the ID shield to domains expiration
date.
Note, the result of ceil will be rounded to up. For example, ceil (11.39) =12

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
    <request>
        <category>domain</category>
        <action>RenewIDShield</action>
        <params>
            <param name="domaintype">0</param>
            <param name="domain">asfun1.net</param>
        </params>
        <cltrid>150132A1243908403B382</cltrid>
        <chksum>f9da105abd43c0b25965ceab415d9fb9</chksum>
    </request>
```

Returned parameters and values:
```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>RenewIDShield</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L115:no value</value>
    <resData>
```

```
            <data name="domain">asfun1.net</data>
            <data name="price">35.00</data>
            <data name="exDate">2011-04-30</data>
        </resData>
        <cltrid>150132A1243908403B382</cltrid>
        <svtrid>150132A1243908403B382-API-SRV</svtrid>
        <chksum>23bd5ce5011ad0e093eef7911d75941b</chksum>
    </response>
```

7.2.5.5. Delete ID Shield

Definition

Label	Definition
Command：	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：DeleteIDShield
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68， The domain name you want to disable ID Shield and use PUNY-encoded names for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	md5(clid+md5(clpass)+cltrid+"deleteidshield"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：DeleteIDShield
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM =

	md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Disable the ID shield service

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

The ID shield service must be on if you want to disable it. Please switch it on if it is paused.

Notes

None

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>DeleteIDShield</action>
    <params>
        <param name="domaintype">805</param>
        <param name="domain">zxcvzxcvc.info</param>
    </params>
    <cltrid>150132A1239162788B699</cltrid>
    <chksum>edb6d1823457ca01720b73089c32d66c</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>DeleteIDShield</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
```

```
        <value>L108:no value</value>
        <resData>
            <data name="domain">zxcvzxcvc.info</data>
        </resData>
        <cltrid>150132A1239162788B699</cltrid>
        <svtrid>150132A1239162788B699-API-SRV</svtrid>
        <chksum>911061e24a6c02f1afb45647942cd78b</chksum>
    </response>
```

7.2.6. Transfer Domain Name between Resellers

7.2.6.1. Query Inner-Reseller Transfer Status

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：QueryCustTransfer
<params>	
<param name="domaintype">VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to query its **Inner-Reseller Transfer Status** and use Puny-encoded name for IDN.
<param name="op">VALUE</param>	In – transfer in; check transfer-in record Out – transfer out; check transfer-out record
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	md5(clid+md5(clpass)+cltrid+" querycusttransfer "+ domaintype + domain + op)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：QueryCustTransfer
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.

<resData>	Data Returned.
<data name='domain'>VALUE</data>	Length1-68. Domain (mandatory)
<data name="status">VALUE</data>	(mandatory) transfer status： 1. clientAproved (successful) 2. expired　(the request is expired as it was not responded within 5 days) 3. pending　(Only if op=Out, the value returns)
<data name="inID">VALUE</data>	Optional when op=Out, it returns the gaining resellerID
<data name="outID">VALUE</data>	when op=Out, it returns the losing resellerID
<data name="reDate">VALUE</data>	(mandatory) The date when the transfer request was submitted.　Date format : yyyy-mm-dd.
<data name="acDate">VALUE</data>	(Optional) The date when the request was responded. Date format : yyyy-mm-dd.
<data name="exDate">VALUE</data>	(Optional) Date format： yyyy-mm-dd. It returns the expireation date of domain, only when the transfer is successful,
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Check the status of domain name transfer between accounts.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>QueryCustTransfer</action>
    <params>
        <param name="domaintype">805</param>
        <param name="domain">zxcvzxcvc.info</param>
        <param name="op">out</param>
    </params>
    <cltrid>150132A1239169504B40</cltrid>
    <chksum>3157a05f616ba7bed253c09babec7d83</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>QueryCustTransfer</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L122:no value</value>
    <resData>
        <data name="domain">zxcvzxcvc.info</data>
        <data name="status">pending</data>
        <data name="inID">150132</data>
        <data name="reDate">2009-04-08</data>
        <data name="exDate">2009-07-07</data>
    </resData>
    <cltrid>150132A1239169504B40</cltrid>
    <svtrid>150132A1239169504B40-API-SRV</svtrid>
    <chksum>45e989ba511ae9e3e037f11117f391b3</chksum>
</response>
```

7.2.6.2.　Initiate Inner-Reseller Transfer Request

Definition

Label	Request
Command：	
<?xml version="1.0"?>	

<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：RequestCustTransfer
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to query Inner-Reseller Transfer Status and please use Puny code for IDN.
<param name="password">VALUE</param>	Length6-16, domain Auth Code.
<param name="curID">VALUE</param>	The current account ID of domain.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+" requestcusttransfer "+ domaintype + domain + password + curID)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：RequestCustTransfer.
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned
<data name='domain'>VALUE</data>	Length1-68. Domain name.
<data name="status">VALUE</data>	Transfer status：clientApproved
<data name="outID">VALUE</data>	The losing account ID.
<data name="exDate">VALUE</data>	The expiration date of domain name. Date format : yyyy-mm-dd.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Initiate the transfer-in request by new reseller.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

Expired and/or suspended and/or update-prohibited .Tel domain names is allowed for Inner-Reseller Transfer.

Notes

By default, the domain will be renewed for 1 year by new reseller after successful transfer. $1 processing fee is incurred if the domain name does not meet the renewal requirement after transfer.

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>RequestCustTransfer</action>
    <params>
        <param name="domaintype">805</param>
        <param name="domain">huangzhyinfo.info</param>
        <param name="password">123456</param>
        <param name="curID">355422</param>
    </params>
    <cltrid>150132A1243908586B710</cltrid>
    <chksum>0cfaed9c9d38895d6bda06f04f361163</chksum>
</request>
```

Returned parameters and values
```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>RequestCustTransfer</action>
    <msg>Command completed successfully</msg>
    <value>L135:no value</value>
    <resData>
        <data name="domain"> huangzhyinfo.info</data>
        <data name="status">clientApproved</data>
        <data name="inID">355422</data>
        <data name="exDate">2009-07-07</data>
```

```
</resData>
<cltrid>150132A1243908586B710</cltrid>
<svtrid>150132A1243908586B710-API-SRV</svtrid>
<chksum>655d0e441798a76f148c253420657ab7</chksum>
</response>
```

7.2.6.3. Setting by Losing Reseller

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CustTransferSetPwd
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to query and please use Puny code for IDN.
<param name="password">VALUE</param>	Length6-16. Transfer code
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+" custtransfersetpwd"+ domaintype + domain + password)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CustTransferSetPwd
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

The current reseller sets transfer code and agree transfer-out within 5 days unless the gaining reseller denies the request.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

For .TEL domain name, which is within 10 days of expiration date, the domain name can not be transferred between accounts and set transfer password. For the other extensions of domain names, which is within 5 days of registration and 10 days of expiration, the domain name can not be transferred between accounts and set transfer password

Notes

None

Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>CustTransferSetPwd</action>
    <params>
        <param name="domaintype">805</param>
        <param name="domain">zxcvzxcvc.info</param>
        <param name="password">123456</param>
    </params>
    <cltrid>150132A1239169457B827</cltrid>
    <chksum>74771054533cdf99989f440f85a60b7f</chksum>
</request>
```

Returned parameters and values
```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>CustTransferSetPwd</action>
    <code>1000</code>
```

```
        <msg>Command completed successfully</msg>
        <value>L115:no value</value>
        <resData>
        </resData>
        <cltrid>150132A1239169457B827</cltrid>
        <svtrid>150132A1239169457B827-API-SRV</svtrid>
        <chksum>5622cdd247c92fc4941d9b42ce247361</chksum>
    </response>
```

7.2.7. Transfer Domain Name between Registrars

7.2.7.1. Query Inter-registrar Transfer Status

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：QueryRegTransfer
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to query and please use PUNY-encoded name for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+" queryregtransfer"+ domaintype + domain)
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：QueryRegTransfer
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.

<resData>	Return data after successful transfer
<data name='domain'>VALUE</data>	Length1-68. Domain name
<data name="status">VALUE</data>	Length1-30. Current status of transfer. Please refer to the table for status of domain name transfer registrar in Appendix.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

Query the registrar transfer status of domain name

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

None

Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>domain</category>
    <action>QueryRegTransfer</action>
    <params>
        <param name="domaintype">220</param>
        <param name="domain">sina.cn</param>
    </params>
    <cltrid>150132A1239259539B60</cltrid>
    <chksum>3522e5de5d095b65d1fb61ac058971bf</chksum>
</request>
```

Returned parameters and values

```xml
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>QueryRegTransfer</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L121:no value</value>
    <resData>
        <data name="domain">sina.cn</data>
        <data name="status">transferSuccessfully</data>
    </resData>
    <cltrid>150132A1239259539B60</cltrid>
    <svtrid>150132A1239259539B60-API-SRV</svtrid>
    <chksum>c2a1138782fd4f6f8ae7cecd4917f136</chksum>
</response>
```

7.2.7.2. Initiate Inter-registrar Transfer Requests

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：domain
<action>ACTION</action>	ACTION：RequestRegTransfer
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to initiate inter-registrar and please use Puny-encoded name for IDN.
<param name="mailway">VALUE</param>	Length3. Choose the way to deliever the transfer confiramation. Default is Off On – On behalf of reseller Off - On behalf of OnlineNIC
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+" requestregtransfer"+ domaintype + domain)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：domain
<action>ACTION</action>	ACTION：RequestRegTransfer

<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Return data after successful transfer
<data name='domain'>VALUE</data>	Length1-67. Domain name.
<data name="status">VALUE</data>	Length1-30. The current status of transfer. It shows pending as the transfer request has been initiated successfully.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

Command Description

This command can't achieve real-time transfer and the transfer confirmation email can't be sent out immediately after submission. The timing program will take care of the rest after you initiate the transfer.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

None

Notes

- The domain name you want to initiate inter-registrar must be in another registrar.

- A domain name, which is in the first 60 days of an initial registration period, is prevented for inter-registrar.

- The domain name will be renewed for 1 year automatically after successful transfer.

Example

```
<?xml version="1.0"?>
<request>
  <category>domain</category>
  <action>RequestRegTransfer</action>
  <params>
    <param name="domaintype>1</param>
    <param name='domain'>asfun.net</param>
    <param name="mailway">Off</param>
  </params>
  <cltrid>150132A1239072576B873</cltrid>
  <chksum>399b636783bee28bc3a49fc5785d6d20</chksum>
</request>
```

Returned parameters and values：

```
<?xml version="1.0"?>
<response>
  <category>domain</category>
  <action>RequestRegTransfer</action>
  <code>1001</code>
  <msg> Command completed successfully</msg>
  <value>no value </value>
  <resData>
    <data name='domain'>asfun.net</data>
    <data name="status">pending</data>
  </resData>
  <cltrid>150132A1239072576B873</cltrid>
  <svtrid>150132A1239072576B873-API-SRV </svtrid>
  <chksum> b93956c1058e65f589022d7c6f24a081</chksum>
</response>
```

7.2.7.3. Cancel Inter-registrar Transfer Requests

Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'domain'
<action>ACTION</action>	ACTION：CancelRegTransfer
<params>	
<param name="domaintype>VALUE</param>	Domain Type ID. Please refer to Supported Domains Extensions.
<param name='domain'>VALUE</param>	Length1-68. The domain name you want to cancel inter-registrar request and please use Puny code for IDN.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by

	customer and must be unique.
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid+md5(clpass)+cltrid+" cancelregtransfer"+ domaintype + domain)
`</request>`	
Returned parameters and values	
`<?xml version="1.0"?>`	
`<response>`	
`<category>CATEGORY</category>`	CATEGORY：'domain'
`<action>ACTION</action>`	ACTION：CancelRegTransfer
`<code>CODE</code>`	Please refer to Codes Explanation in appendix.
`<msg>MSG</msg>`	Please refer to Codes Explanation in appendix.
`<value>VALUE</value>`	Please refer to Codes Explanation in appendix.
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique.
`<svtrid>SVTRID</svtrid>`	Order number which is generated by Server.
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

Command Description

Cancel the inter-registrar request you submitted.

Demo Guide

http://218.5.81.149/api/demo/3.x/en/

Constraints

The inter-registrar request will not be cancelled if the domain name in question has been transferred into OnlineNIC or has failed.

Notes

None

Example

```
<?xml version="1.0"?>
<request>
  <category>domain</category>
```

```
<action>CancelRegTransfer</action>
<params>
    <param name="domaintype>1</param>
    <param name='domain'>asfun.net</param>
</params>
<cltrid>150132A1239072576B873</cltrid>
<chksum>399b636783bee28bc3a49fc5785d6d20</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0"?>
<response>
    <category>domain</category>
    <action>CancelRegTransfer</action>
    <code>1000</code>
    <msg> Command completed successfully</msg>
    <value>no value </value>
    <cltrid>150132A1239072576B873</cltrid>
    <svtrid>150132A1239072576B873-API-SRV </svtrid>
    <chksum> b93956c1058e65f589022d7c6f24a081</chksum>
</response>
```

7.3. SSL Services and Management

7.3.1. Order SSL

7.3.1.1. Definition

Label	Definition	
Command		
<?xml version="1.0"?>		
<request>		
<category>CATEGORY</category>	CATEGORY：'ssl'	
<action>ACTION</action>	ACTION：Order	
<params>		
<param name='productCode'>VALUE</param>	'productCode' should be one of below values list.	
	Value	Definition
	QuickSSLPremium	QuickSS LPremium
	TrueBizID	True BusinessID
	TrueBizIDWildCard	True BusinessID Wildcard
	TrueBizIDEV	True BusinessID with EV
	RapidSSL	RapidSSL
	RapidSSLWildCard	RapidSSL Wildcard

`<param name='validityPeriod'>VALUE</param>`	'validityPeriod' except TrueBizIDEV supports 12、24、36 and 48. When 'product code' is TrueBizIDEV, 'validityPeriod' only supports 12 or 24.
`<param name='webServerType'>VALUE</param>`	'webServerType' should be one of below values list. "apachessl", "apacheraven", "apachessleay", "c2net", "Ibmhttp", "Iplanet", "Dominogo4625", "Dominogo4626", "Domino", "iis4", "iis5", "iis7", "Netscape", "zeusv3", "Other", "apacheopenssl", "apache2", "apacheapachessl", "cobaltseries", "cpanel", "ensim", "hsphere", "ipswitch", "plesk", "tomcat", "weblogic", "website", "webstar", "iis"
`<param name='aFirstName'>VALUE</param>`	Administrator's Info：First Name
`<param name='aLastName'>VALUE</param>`	Administrator's Info：Last Name
`<param name='aPhone'>VALUE</param>`	Administrator's Info：Telephone No
`<param name='aEmail'>VALUE</param>`	Administrator's Info：Email
`<param name='tFirstName'>VALUE</param>`	Technical's Info：First Name
`<param name='tLastName'>VALUE</param>`	Technical's Info：Last Name
`<param name='tPhone'>VALUE</param>`	Technical's Info：Telephone No
`<param name='tEmail'>VALUE</param>`	Technical's Info：Email
`<param name='specialInstructions'>VALUE</param>`	Any additional information about this order.
`<param name='approverEmail'>VALUE</param>`	This is the email of the approver. In the Domain Vetted line of products RapidSSL, RapidSSL Wildcard and QuickSSL Premium, this is the person responsible for approving the order.
`<param name='CSR'>VALUE</param>`	Length 2048-4000, Certificate signing

	request.
<param name='organizationName'>VALUE</param>	Organization Info：Organization Name
<param name='oFax'>VALUE</param>	Organization Info：Fax(such as:+1.4156656387)
<param name='oPhone'>VALUE</param>	Organization Info：Telephone (such as:+1.4156656387)
<param name='oCountry'>VALUE</param>	Organization Info：Country
<param name='oPostalCode'>VALUE</param>	Organization Info：Zip/PostCode
<param name='oRegion'>VALUE</param>	Organization Info：State/Province
<param name='oCity'>VALUE</param>	Organization Info：city
<param name='oAddressLine1'>VALUE</param>	Organization Info：main address
<param name='oAddressLine2'>VALUE</param>	Organization Info：additional address
<param name='oAddressLine3'>VALUE</param>	Organization Info：additional address
<param name='DNSNames'>VALUE</param>	Additional domains. It only supports 'True BusinessID' and 'True BusinessID with EV' products. The number of additonal domains can not exceed 24 domains.
<param name='DUNS'>VALUE</param>	If your organization is in the UK, please provide us your Registration Number in the D-U-N-S field below for expediting your request.
<param name='renewalIndicator'>VALUE</param>	'renewalIndicator' should be one of below values list.

Value	Definition
"true"	renew SSL certificates
"false"	purchase SSL certificates

</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"Order")
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：Order
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
<data name="orderId">VALUE</data>	Order ID
<data name="price">VALUE</data>	Price
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique

<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.3.1.2. Command Description

The command allows you to purchase or renew SSL certificates.

7.3.1.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.1.4. Constraints

- Total additional domains can not exceed 24 domains.
- Additional domains are required to be seperated by comma.

7.3.1.5. Notes

None.

7.3.1.6. Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
        <request>
        <category>ssl</category>
        <action>Order</action>
        <params>
            <param name="productCode">TrueBizID</param>
            <param name="validityPeriod">12</param>
            <param name="webServerType">apachessl</param>
            <param name="aFirstName">firstname</param>
            <param name="aLastName">lastname</param>
            <param name="aPhone">+1.4156656387</param>
            <param name="aEmail">example@hotmail.com</param>
            <param name="tFirstName">firstname</param>
            <param name="tLastName">lastname</param>
            <param name="tPhone">+1.4156656387</param>
            <param name="tEmail">example@hotmail.com</param>
            <param name="specialInstructions">no instructions</param>
            <param name="approverEmail">support_preprod@geotrust.com</param>
            <param name="organizationName">example</param>
            <param name="oAddressLine1">US CA</param>
            <param name="oAddressLine2"></param>
            <param name="oAddressLine3"></param>
            <param name="oCity">LA</param>
```

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```
                    <param name="oRegion">example</param>
                    <param name="oPostalCode">000000</param>
                    <param name="oCountry">US</param>
                    <param name="oPhone">+1.4156656387</param>
                    <param name="oFax">+1.4156656387</param>
                    <param name="CSR">-----BEGIN CERTIFICATE REQUEST-----
MIIC1TCCAb0CAQAwgY8xCzAJBgNVBAYTAlVTMRAwDgYDVQQIEwdleGFtcGxlMRAw
DgYDVQQHEwdleGFtcGxlMRAwDgYDVQQKEwdleGFtcGxlMRAwDgYDVQQLEwdleGFt
cGxlMRQwEgYDVQQDEwtleGFtcGxlLmNvbTEiMCAGCSqGSIb3DQEJARYTZXhhbXBs
ZUBob3RtYWlsLmNvbTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKhd
MKaNSFGwRqoI8BQ1jf4TsuGKJf90J5lqjQu6ZnE6amqRXJ9VFzEY4k1wLmX16VfZ
ClrE+CDpXoiwPUNKRWcJ4PePYoCUSwv0Z513daCNOY+DyR6Kipv6C4SaiNd+VUJ4
yCXAbC5DPnb2ha/UJzKvQVUQw1uRCr7OOwTaJcLFDGvepl91czP6bZMf1vXSDVIp
fhFK0+QtiX5y5LS3ZB7COUAz5Stj/EjIpRzCqKfGKRUQpIeyOtwI1pTWbk+tY36/
2bIyfGwud6rxkbaLgprOQlcs13QV+jqT0t0QR0NeqDZLQvlmv2aDnMpB4fVE+ZRj
NlR+BSln5mGsAaiPfCkCAwEAAaAAMA0GCSqGSIb3DQEBBAUAA4IBAQBkYVn6IHYq
+NUgaz3NffhAdes69EJihtOfEKOEmMH6ziVxCISThbZegZTnq++FnJtwTbU4SBaX
5JVCeUXDNEZuhbrqT6+DnUN/Ax7GS5NDJ7Hxmc/pHZmVPWJrKfXbGipSxWNbrnp0
0sxhEJCdfeaLxkTjtNHY7eCWAP4n1vAw9ZkHyyME2X2KjGf2jPsYvEodfGOyViNJ
o9RSsAjORPxn1I+3twzC22W4Vvje/EMedop2ARgmgwNqe5V86ug37dMboOB0DzhU
c5Wm7nfP65/7Uym92znAxUdOmBihWdmpFH1xtQ8RaFZtUDY0ERh7ThBpqHZMkgBj
rKiimM1Dj+8z
-----END CERTIFICATE REQUEST-----</param>
                    <param name="DNSNames">ns1.25.com,ns2.35.com</param>
            </params>
            <cltrid>example358931795</cltrid>
            <chksum>4508033755727bbcbdd11d03ad77d5c2</chksum>
        </request>
```

Returned parameters and values

```
<?xml version="1.0" encoding="utf-8"?>
 <response>
     <category>ssl</category>
     <action>Order</action>
     <code>1000</code>
     <msg>Command completed successfully</msg>
     <value>no value</value>
     <resData>
         <data name="orderId">111346</data>
         <data name="price">258</data>
     </resData>
     <cltrid>example358931795</cltrid>
     <svtrid>example358931795-API-SRV</svtrid>
     <chksum>7aacbb3e370f1c4f1d2793d9acf5d15e</chksum>
```

</response>

7.3.2. Get Approver Email List

7.3.2.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：GetApproverEmailList
<params>	
<param name='domain'>VALUE</param>	This is the domain name for an order. For an SSL order, this can be a fully qualified domain (e.g., www.geotrust.com) or possibly a wildcard domain (e.g., *.geotrust.com). Note that wildcards for SSL pertain only to the node that is wildcarded, not to subnodes of the wildcarded node (e.g., *.geotrust.com would not include test.www.geotrust.com, but it would include www.geotrust.com).
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"GetApproverEmailList")
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：GetApproverEmailList
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
<data name="email1">admin@example.com</data>	Approver Email List
<data name="email2">host@example.com</data>	
...	
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid

	+ svtrid + code + msg + value)
</response>	

7.3.2.2. Command Description

This command returns the complete list of valid approver email messages for a specified domain.

7.3.2.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.2.4. Constraints

None

7.3.2.5. Notes

None.

7.3.2.6. Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>ssl</category>
    <action>GetApproverEmailList</action>
    <params>
        <param name="domain">example.com</param>
    </params>
    <cltrid>chenwp1359448175</cltrid>
    <chksum>498a41670e01e41012e7299bac4cb613</chksum>
</request>
```

Returned parameters and values

```xml
<?xml version="1.0" encoding="utf-8"?>
<response>
    <category>ssl</category>
    <action>GetApproverEmailList</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>no value</value>
    <resData>
        <data name="email1">admin@example.com</data>
        <data name="email2">administrator@example.com</data>
        <data name="email3">hostmaster@example.com</data>
        <data name="email4">webmaster@example.com</data>
        <data name="email5">postmaster@example.com</data>
        <data name="email6">support_preprod@geotrust.com</data>
    </resData>
```

<cltrid>chenwp1359448175</cltrid>
<svtrid>chenwp1359448175-API-SRV</svtrid>
<chksum>2ece6cb5914d9b64a9bc7717a0b9e017</chksum>
</response>

7.3.3. Cancel SSL

7.3.3.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：Cancel
<params>	
<param name='orderId'>VALUE</param>	Order ID.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"Cancel"+ orderid)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：Cancel
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.3.3.2. Command Description

The command allows you to cancel SSL certificates.

7.3.3.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.3.4. Constraints

None

7.3.3.5. Notes

None.

7.3.3.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>ssl</category>
        <action>Cancel</action>
        <params>
                <param name="orderId">111353</param>
        </params>
    <cltrid>example1358933096</cltrid>
    <chksum>c4b9319e8a38480ff2bb7752cee56e93</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0" encoding="utf-8"?>
 <response>
      <category>ssl</category>
      <action>Cancel</action>
      <code>1000</code>
      <msg>Command completed successfully</msg>
      <value>no value</value>
      <resData>
      </resData>
      <cltrid>example1358933096</cltrid>
      <svtrid>example1358933096-API-SRV</svtrid>
      <chksum>a07568fe605b64c1585d4bab9bb400f9</chksum>
 </response>
```

7.3.4. Info SSL

7.3.4.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	

<request>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：'Info'
<params>	
<param name='orderId'>VALUE</param>	Order Id
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"Info"+ orderId)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：'Info'
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
<data name="orderId">DATA</data>	
<data name="productName">DATA</data>	Some basic order information:
<data name="price">DATA<</data>	validityPeriod: this is the number of months
<data name="domain">DATA<</data>	that a certificate will be valid for.
<data name="validityPeriod">DATA</data>	webServerType: it designates the type of
<data name="webServerType">DATA</data>	web server that an order is targeted for.
<data name="renewalIndicator">DATA</data>	renewalindicator: a value of "True"
<data name="adminFirstName">DATA</data>	indicates SSL renewal, and "False"
<data name="adminLastName">DATA</data>	indicates SSL registration.
<data name="adminPhone">DATA</data>	
<data name="adminEmail">DATA</data>	
<data name="approverEmail">DATA</data>	This is the email of the approver. In the Domain Vetted line of products such as RapidSSL, RapidSSL Wildcard and QuickSSL Premium, this is the person responsible for approving the order.
<data name="techFirstName">DATA</data>	
<data name="techLastName">DATA</data>	Only completed order can return these order details.
<data name="techPhone">DATA</data>	
<data name="techEmail">DATA</data>	
<data name="expire">expire</data>	
<data name="orderCompleteDate">DATA</data>	
<data name="csrDomainName">DATA</data>	
<data name="csrCountry">DATA</data>	

<data name="csrEmail">DATA</data>	
<data name="csrLocality">DATA</data>	
<data name="csrOrganization">DATA</data>	
<data name="csrOrganizationUnit">DATA</data>	
<data name="csrState">DATA</data>	
<data name="organizationName">DATA</data>	Only completed TrueBizID order as True BusinessID, True BusinessID Wildcard and True BusinessID with EV can return these order details.
<data name="DUNS">DATA</data>	
<data name="orgAddressLine1">DATA</data>	
<data name="orgAddressLine2">DATA</data>	
<data name="orgAddressLine3">DATA</data>	
<data name="orgCity">DATA</data>	
<data name="orgRegion">DATA</data>	
<data name="orgPostalCode">DATA</data>	
<data name="orgCountry">DATA</data>	
<data name="orgPhone">DATA</data>	
<data name="orgFax">DATA</data>	
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.3.4.2. Command Description

The command allows you to get the details for a specified SSL order.

7.3.4.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.4.4. Constraints

None.

7.3.4.5. Notes

None.

7.3.4.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>ssl</category>
    <action>Info</action>
    <params>
        <param name="orderId">111302</param>
    </params>
    <cltrid>135610A1359529221B796</cltrid>
```

```
        <chksum>f65d0ea0877c430bd1645c4d712bd89c</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0" encoding="utf-8"?>
<response>
        <category>ssl</category>
        <action>Info</action>
        <code>1000</code>
        <msg>Command completed successfully</msg>
        <value>no value</value>
        <resData>
                <data name="orderId">111302</data>
                <data name="productName">QuickSSL Premium</data>
                <data name="price">79.0</data>
                <data name="status">COMPLETE</data>
                <data name="domain">example.com</data>
                <data name="validityPeriod">12</data>
                <data name="webServerType">apacheapachessl</data>
                <data name="renewalIndicator">false</data>
                <data name="adminFirstName">Jim</data>
                <data name="adminLastName">Green</data>
                <data name="adminPhone">38234234</data>
                <data name="adminEmail">example-admin@hotmail.com</data>
                <data name="approverEmail">example-approver@hotmail.com</data>
                <data name="techFirstName">Jim</data>
                <data name="techLastName">Green</data>
                <data name="techPhone">38234234</data>
                <data name="techEmail">example-tech@asd.cn</data>
                <data name="expire">01/24/2014</data>
                <data name="orderCompleteDate">2013-01-24 09:20:15</data>
                <data name="csrDomainName">example.com</data>
                <data name="csrCountry">US</data>
                <data name="csrEmail">example@hotmail.com</data>
                <data name="csrLocality">example</data>
                <data name="csrOrganization">example</data>
                <data name="csrOrganizationUnit">example</data>
                <data name="csrState">example</data>
                <data name="csr">-----BEGIN CERTIFICATE REQUEST-----
MIIDJDCCAgwCAQAwgacxCzAJBgNVBAYTAktSMQ4wDAYDVQQIEwVzZW91bDEOMAw
GA1UEBxMFc2VvdWwxGjAYBgNVBAoTEVN1bmNoZW9uTm9uZ2h5ZW9wMR0wGwYDV
QQLExRNYW5hZ2VtZW50IFN1cHBvcnQgVDEZMBcGA1UEAxMQc2NuaHNob3BwaW5nL
mNvbTEiMCAGCSqGSIb3DQEJARYTY2h1bmdtb25nQG5hdmVyLmNvbTCCASIwDQYJKoZ
IhvcNAQEBBQADggEPADCCAQoCggEBAM7jGyOE9tGvmnPKGIIt5M/eBYabcBVg4izG
```

/MjL0GsW7Rdv9VkAXJDlSlBFJ6kL65/VIu9DFmEdLAFl+B64QRu5Fr32vVrpvLke
geUcOhIfsWDS30ZFlrjQkAtQC2KKHcYJ6URTqogWY+O8g14bPFLFt/mesoS5ciaO
oa1ola7qzWKT/alPtzngBmne9SfvwmVeQUCcZ77FYmqzLMVJ6mvhlRjpiP/cESiT
geRDNGPIRs3gxG/aVM17c6TaPaE7u41iTmtYDnZgqKb0nF6QwUUyxMHO/eLjPyOv
peyZoOa7c7a5MLyiQy9WJ04pPu7UKTCS3QMimaHNuQQ9cMWrzWkCAwEAAaA3MBMG
CSqGSIb3DQEJBzEGEwQxMTExMCAGCSqGSIb3DQEJAjETExFTdW5jaGVnvbk5vbmdo
eWVvcDANBgkqhkiG9w0BAQUFAAOCAQEAeDPFpHFsJDfWqfnbQLGvdFQjAxU6ibte
UcWKWmlk9BejmPiuZjkLMqvUvWPgeHxWkhoxeO6AhxO+U/P0nNLuRcwz2q4/iyQk
QUklWArGsLROjBSQ8R7YocTMZRZN8ij1Z0II2lnKI5UCVbgbeOlarSz05qtbwKDZ
OfeDKHz9lxTN9sMPCQHzeoRH1LXPDlI5iIVbxblrMMmDlNoM3byFhlHg3jlAqKmK
fPq/bMP02Bzzli07zfjcwGtuNJ34n5QENcu5rs3STzxuaxdRxYFTyplibbW6T7VT
kCDyCDNIFcwQxfJs/3Q/vr2LvNeDdnf/nlSlGJuwJE0kKOzB+VnoMw==
-----END CERTIFICATE REQUEST-----</data>
                </resData>
                <cltrid>135610A1359529221B796</cltrid>
                <svtrid>135610A1359529221B796-API-SRV</svtrid>
                <chksum>ba1d7f2c9e1606e72a7c5b8db5d6e543</chksum>
        </response>

7.3.5. ResendApproverEmail

7.3.5.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：ResendApproverEmail
<params>	
<param name='orderId'>VALUE</param>	Order Id
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"ResendApproverEmail"+ orderid)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：ResendApproverEmail
<code>CODE</code>	Please refer to [Codes Explanation](#) in appendix.
<msg>MSG</msg>	Please refer to [Codes Explanation](#) in appendix.

<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.3.5.2. Command Description

- The command is for the situation which customer doesn't receive the confirmation email after placing an order.
- It is free to resend approver email.

7.3.5.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.5.4. Constraints

7.3.5.5. Notes

None.

7.3.5.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>ssl</category>
    <action>ResendApproverEmail</action>
    <params>
        <param name="orderId">111325</param>
    </params>
    <cltrid>135610A1359429320B1</cltrid>
    <chksum>559260dce82e86577cf71970ca282efc</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0" encoding="utf-8"?>
<response>
    <category>ssl</category>
    <action>ResendApproverEmail</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>no value</value>
    <resData>
    </resData>
    <cltrid>135610A1359429320B1</cltrid>
```

```
<svtrid>135610A1359429320B1-API-SRV</svtrid>
<chksum>1326528238b718dfbb925ebc6490193b</chksum>
</response>
```

7.3.6. ChangeApproverEmail SSL

7.3.6.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：ChangeApproverEmail
<params>	
<param name='orderId'>VALUE</param>	Order Id
<param name='approverEmail'>VALUE</param>	The new email of approver.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"ChangeApproverEmail"+ orderid)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：ChangeApproverEmail
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.3.6.2. Command Description

This command allows customers to change the domain approver email for orders where the domain approval process has not been completed.

7.3.6.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.6.4. Constraints

Only if the status of order is PENDING, customers are permitted to modify the email address which receives confirmation information.

7.3.6.5. Notes

None.

7.3.6.6. Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>ssl</category>
    <action>ChangeApproverEmail</action>
    <params>
        <param name="orderId">111284</param>
        <param name="approverEmail">icann@onlinenic.com</param>
    </params>
    <cltrid>135610A1358928714B799</cltrid>
    <chksum>4e7445e7c13d20d381549505143cac8d</chksum>
</request>
```

Returned parameters and values
```xml
<?xml version="1.0" encoding="utf-8"?>
<response>
    <category>ssl</category>
    <action>ChangeApproverEmail</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>no value</value>
    <resData>
    </resData>
    <cltrid>135610A1358928714B799</cltrid>
    <svtrid>135610A1358928714B799-API-SRV</svtrid>
    <chksum>ad0dfdaec63d855b303a44a16973c04b</chksum>
</response>
```

7.3.7. GetCerts SSL

7.3.7.1. Definition

Label	Definition

Command	
`<?xml version="1.0"?>`	
`<request>`	
`<category>CATEGORY</category>`	CATEGORY：'ssl'
`<action>ACTION</action>`	ACTION：'GetCerts'
`<params>`	
`<param name='fromDate'>VALUE</param>`	fromDate.(format such as 2013-01-05)
`<param name='toDate'>VALUE</param>`	toDate.(format such as 2013-01-06)
`</params>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid+md5(clpass)+cltrid+"GetCerts")
`</request>`	
Returned parameters and values：	
`<?xml version="1.0"?>`	
`<response>`	
`<category>CATEGORY</category>`	CATEGORY：'ssl'
`<action>ACTION</action>`	ACTION：'GetCerts'
`<code>CODE</code>`	Please refer to Codes Explanation in appendix.
`<msg>MSG</msg>`	Please refer to Codes Explanation in appendix.
`<value>VALUE</value>`	Please refer to Codes Explanation in appendix.
`<resData>`	
`<data name="data1">DATA</data>`	Such as OrderID, ProductName, SubmitTime, Status, Domain, Period, ExpireDate, CompleteTime
`<data name="data2">DATA</data>`	
`<data name="data3">DATA<</data>`	
`……`	
`</resData>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique
`<svtrid>SVTRID</svtrid>`	Order number which is generated by Server
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

7.3.7.2. Command Description

This command allows customers to get the details (such as order ID, domain name, status, submit time, expired time and so on) of all SSL orders under their OnlineNIC accounts.

7.3.7.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.7.4. Constraints

None.

7.3.7.5. Notes

None.

7.3.7.6. Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>ssl</category>
    <action>GetCerts</action>
    <params>
        <param name="fromDate">2013-01-28</param>
    <param name="toDate">2013-01-29</param>
    </params>
    <cltrid>135610A1359598771B642</cltrid>
    <chksum>44cc3d872c5586b20a9f4e41b20f1559</chksum>
</request>
```

Returned parameters and values

```xml
<?xml version="1.0" encoding="utf-8"?>
<response>
    <category>ssl</category>
    <action>GetCerts</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>no value</value>
    <resData>
        <data name="data1">111325,QuickSSL Premium,2013-01-28 12:01:42,
REFUND,support2.onlinenic.com,12,null,null</data>
        <data name="data2">111326,True BusinessID,2013-01-28 01:25:38,
COMPLETE,support2.onlinenic.com,12,01/28/2014,2013-01-28 12:57:52</data>
        <data name="data3">111327,True BusinessID,2013-01-28 01:31:12,
COMPLETE,support2.onlinenic.com,12,01/28/2014,2013-01-28 12:56:01</data>
        <data name="data4">111328,True BusinessID with EV,2013-01-28 02:13:44,
COMPLETE,www.kvs.or.kr,12,null,null</data>
        <data name="data5">111329,QuickSSL Premium,2013-01-29 03:01:01,
REFUND,support2.onlinenic.com,12,null,null</data>
        <data name="data6">111330,QuickSSL Premium,2013-01-29 03:01:40,
REFUND,support2.onlinenic.com,12,null,null</data>
        <data name="data7">111331,QuickSSL Premium,2013-01-29 04:06:03,
PRE,support2.onlinenic.com,12,null,null</data>
        <data name="data8">111332,QuickSSL Premium,2013-01-29 20:50:38,
PRE,support2.onlinenic.com,12,null,null</data>
        <data name="data9">111333,QuickSSL Premium,2013-01-29 20:54:29,
PRE,support2.onlinenic.com,12,null,null</data>
        <data name="data10">111337,QuickSSL Premium,2013-01-29 21:12:20,
```

PRE,support2.onlinenic.com,12,null,null</data>

<data name="data11">111338,QuickSSL Premium,2013-01-29 21:14:08, PRE,support2.onlinenic.com,12,null,null</data>

<data name="data12">111339,QuickSSL Premium,2013-01-29 21:18:42, CANCELLED,support2.onlinenic.com,12,null,null</data>

<data name="data13">111340,QuickSSL Premium,2013-01-29 21:19:38, CANCELLED,support2.onlinenic.com,12,null,null</data>

<data name="data14">111342,QuickSSL Premium,2013-01-29 21:39:53, PENDING,support2.onlinenic.com,12,null,null</data>

<data name="data15">111343,QuickSSL Premium,2013-01-29 21:42:59, PENDING,support2.onlinenic.com,12,null,null</data>

<data name="data16">111344,QuickSSL Premium,2013-01-29 22:04:59, PENDING,support2.onlinenic.com,12,null,null</data>

    </resData>

    <cltrid>135610A1359598771B642</cltrid>

    <svtrid>135610A1359598771B642-API-SRV</svtrid>

    <chksum>b7a76cc4e32de04d649759efaa4cb6ec</chksum>

</response>

7.3.8. Reissue SSL

7.3.8.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：Reissue
<params>	
<param name='orderId'>VALUE</param>	Order ID.
<param name='CSR'>VALUE</param>	length 2048-4000,Certificate signing request
<param name='DNSNames'>VALUE</param>	Additional domains
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"Reissue"+ orderid)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：Reissue
<code>CODE</code>	Please refer to Codes Explanation in

	appendix.
<msg>MSG</msg>	Please refer to [Codes Explanation](#) in appendix.
<value>VALUE</value>	Please refer to [Codes Explanation](#) in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.3.8.2. Command Description

- For some reason (probably because reinstallation of servers, lost privacy key files, lost previous SSL certificates and cannot find the backup), reissue is needed. If only request to get original certificate, calling [ResendFulfillmentEmail](#) is workable.
- SSL reissuance needs customers to provide a Certificate signing request (CSR)
- If additional domains need to be updated, new additional domains are required.

7.3.8.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.8.4. Constraints

- The order must have been successfully completed.
- The order must not be canceled.
- The certificate must not be revoked.
- The certificate must not be expired.
- The common name in the CSR must match the common name used in the original order.
- Total additional domains can not exceed 24 domains.
- Additional domains are required to be seperated by comma.
- When the updated value of additional domains is empty, all additional domains under this certificate will be deleted.

7.3.8.5. Notes

None.

7.3.8.6. Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>ssl</category>
    <action>Reissue</action>
    <params>
        <param name="orderId">111346</param>
```

<param name="CSR">-----BEGIN CERTIFICATE REQUEST-----
MIIC0DCCAbgCAQAwgYoxCzAJBgNVBAYTAkNOMRAwDgYDVQQIEwdGVSBKSUFOMR
AwDgYDVQQHEwdYSUEgTUVOMRAwDgYDVQQKEwdleGFtcGxlMRAwDgYDVQQLEwd
leGFtcGxlMRQwEgYDVQQDEwtleGFtcGxlLmNvbTEdMBsGCSqGSIb3DQEJARYOZXhhbX
BsZUAzNS5jb20wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDD7CTsWT/c
B15KKDeLCusM3+wr5+7AuKedXjaJzoe4XoCdRj8hcTCCyPO1Ep/9YMvnQbolwsVx
ohtx/c8hFwspNEiBRp4ykCz1gNvikKot88+RJ9nF6sD3zzr6h20Afm3QOsbJnx07
0LYPJLzmho9lrl2njPlA/tXp+RSCC2ocKvqc63SO1wHxG5v5Hni2SmGY+kTW8cx9
/OelvZaiWiOXEf9ElWJ1DvnUGzOGHBYxSc2B8ZVVYLsA0Xm5kpScgHA0zrkKko4M
uBh+BhGZre67+DWvGKamgXbQFoFtHRaLk7XVlw3TuiRrC+h3RQnOFp6GxgxXK2lP
W1t0F7Bo/HgNAgMBAAGgADANBgkqhkiG9w0BAQQFAAOCAQEAuqlsLzdo9/ttIJoK
7AdJvtoPNv9ok4aLI8E1A92n1IFShbKfIEvLUGxA59uBEZnTA8dswhkcAPK7G60P
gKh3JOb535a/+Ay7CK+Rw2kwKYxOkOdmQtEoB4kuPoJJyB73k3zRnc1UcHh4kQRf
9+Hbnbr5sIwvCnC1Kj4bVD+Yz1rQb7R37+QI3NYjPLjmsYMoX0fq7uj3kezYBX7/
Pjxax5czpuceIvmCRgSRFPjDNwqiKxzODFi006VN6YqSFiK1f2/ECJ5nRNPrqFdY
FbtvCupqWk5gnafmJqxrHXYVgOOmb8YXc8TuyWhBCOuaMNbN/LuO54tMME48ge6A
aMYqew==
-----END CERTIFICATE REQUEST-----</param>
        <param name="DNSNames">ns1.25.com,ns2.35.com</param>
    </params>
    <cltrid>150132A1239162587B968</cltrid>
    <chksum>24f6a2e8c182ce50b92eb851d84e670a</chksum>
</request>

Returned parameters and values
<?xml version="1.0"?>
<response>
    <category>ssl</category>
    <action>Reissue</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>no value</value>
    <resData>
    </resData>
    <cltrid>150132A1239162587B968</cltrid>
    <svtrid>150132A1239162587B968-API-SRV</svtrid>
    <chksum>56563275e4b72d2dc2e5c6109f5c7e7f</chksum>
</response>

7.3.9. ResendFulfillmentEmail SSL

7.3.9.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：ResendFulfillmentEmail
<params>	
<param name='orderId'>VALUE</param>	Order ID.
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"ResendFulfillmentEmail"+ orderid)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：ResendFulfillmentEmail
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.3.9.2. Command Description

- If failed to receive certificate mail, the certificate could be installed by resending certificate mail and acquiring certificate file.
- Compared with reissuing certificate, resending certificate mail delivers original certificate to the customer.

7.3.9.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.9.4. Constraints

The order must have been successfully completed.

7.3.9.5. Notes

None.

7.3.9.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>ssl</category>
    <action>ResendFulfillmentEmail</action>
    <params>
        <param name="orderId">805</param>
    </params>
    <cltrid>150132A1239162587B968</cltrid>
    <chksum>24f6a2e8c182ce50b92eb851d84e670a</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
    <category>ssl</category>
    <action>ResendFulfillmentEmail</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>no value</value>
    <resData>
    </resData>
    <cltrid>150132A1239162587B968</cltrid>
    <svtrid>150132A1239162587B968-API-SRV</svtrid>
    <chksum>56563275e4b72d2dc2e5c6109f5c7e7f</chksum>
</response>
```

7.3.10.　ParseCSR

7.3.10.1. Definition

Label	Definition
Command	
`<?xml version="1.0"?>`	
`<request>`	
`<category>CATEGORY</category>`	CATEGORY：'ssl'
`<action>ACTION</action>`	ACTION：ParseCSR

<params>	
<param name='productCode'>VALUE</param>	'productCode' should be one of below values list.

Value	Definition
QuickSSLPremium	QuickSS LPremium
TrueBizID	True BusinessID
TrueBizIDWildCard	True BusinessID Wildcard
TrueBizIDEV	True BusinessID with EV
RapidSSL	RapidSSL
RapidSSLWildCard	RapidSSL Wildcard

<param name='CSR'>VALUE</param>	Certificate signing request
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"ParseCSR"+ orderid)
</request>	
Returned parameters and values：	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'ssl'
<action>ACTION</action>	ACTION：ParseCSR
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	
<data name="ValidityPeriod">VALUE</data>	ValidityPeriod
<data name="DomainName">VALUE</data>	DomainName
<data name="Country">VALUE</data>	Country
<data name="Email">VALUE</data>	Email
<data name="Locality">VALUE</data>	Locality
<data name="Organization">VALUE</data>	Organization
<data name="OrganizationUnit">VALUE</data>	OrganizationUnit
<data name="State">VALUE</data>	State
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<svtrid>SVTRID</svtrid>	Order number which is generated by Server
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.3.10.2. Command Description

The command allows you to parse csr.

7.3.10.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.3.10.4. Constraints

None

7.3.10.5. Notes

None.

7.3.10.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>ssl</category>
    <action>ParseCSR</action>
        <params>
            <param name="productCode">QuickSSLPremium</param>
            <param name="CSR">-----BEGIN CERTIFICATE REQUEST-----
MIIC1TCCAb0CAQAwgY8xCzAJBgNVBAYTAlVTMRAwDgYDVQQIEwdleGFtcGxlMRA
wDgYDVQQHEwdleGFtcGxlMRAwDgYDVQQKEwdleGFtcGxlMRAwDgYDVQQLEwdleG
FtcGxlMRQwEgYDVQQDEwtleGFtcGxlLmNvbTEiMCAGCSqGSIb3DQEJARYTZXhhbX
BsZUBob3RtYWlsLmNvbTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBA
KhdMKaNSFGwRqoI8BQ1jf4TsuGKJf90J5lqjQu6ZnE6amqRXJ9VFzEY4k1wLmX16VfZ
ClrE+CDpXoiwPUNKRWcJ4PePYoCUSwv0Z513daCNOY+DyR6Kipv6C4SaiNd+VUJ4
yCXAbC5DPnb2ha/UJzKvQVUQw1uRCr7OOwTaJcLFDGvepl91czP6bZMf1vXSDVlp
fhFK0+QtiX5y5LS3ZB7COUAz5Stj/EjIpRzCqKfGKRUQpIeyOtwl1pTWbk+tY36/
2bIyfGwud6rxkbaLgprOQlcs13QV+jqT0t0QR0NeqDZLQvlmv2aDnMpB4fVE+ZRj
NIR+BSln5mGsAaiPfCkCAwEAAaAAMA0GCSqGSIb3DQEBBAUAA4IBAQBkYVn6IHYq
+NUgaz3NffhAdes69EJihtOfEKOEmMH6ziVxCISThbZegZTnq++FnJtwTbU4SBaX
5JVCeUXDNEZuhbrqT6+DnUN/Ax7GS5NDJ7Hxmc/pHZmVPWJrKfXbGipSxWNbrnp0
0sxhEJCdfeaLxkTjtNHY7eCWAP4n1vAw9ZkHyyME2X2KjGf2jPsYvEodfGOyViNJ
o9RSsAjORPxn1I+3twzC22W4Vvje/EMedop2ARgmgwNqe5V86ug37dMboOB0DzhU
c5Wm7nfP65/7Uym92znAxUdOmBihWdmpFH1xtQ8RaFZtUDY0ERh7ThBpqHZMkgBj
rKiimM1Dj+8z
-----END CERTIFICATE REQUEST-----</param>
        </params>
        <cltrid>example1359703224</cltrid>
        <chksum>b101d879ba1d9b8a89a7a6d6314e22cd</chksum>
</request>
```

Returned parameters and values

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<response>
    <category>ssl</category>
    <action>ParseCSR</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>parse csr</value>
    <resData>
        <data name="ValidityPeriod">0</data>
        <data name="DomainName">example.com</data>
        <data name="Country">US</data>
        <data name="Email">example@hotmail.com</data>
        <data name="Locality">example</data>
        <data name="Organization">example</data>
        <data name="OrganizationUnit">example</data>
        <data name="State">example</data>
    </resData>
    <cltrid>example1359703224</cltrid>
    <svtrid>example1359703224-API-SRV</svtrid>
    <chksum>04993663830dac3a25d394f3de05fb26</chksum>
</response>
```

7.4. Account Management

7.4.1. Get Account Balance

7.4.1.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'account'
<action>ACTION</action>	ACTION：GetAccountBalance
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique
<chksum>CHKSUM</chksum>	CHKSUM= md5(clid+md5(clpass)+cltrid+"getaccountbalance")
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY: 'account'
<action>ACTION</action>	
<code>CODE</code>	Please refer to Codes Explanation in

	appendix.
<msg>MSG</msg>	Please refer to [Codes Explanation](#) in appendix.
<value>VALUE</value>	Please refer to [Codes Explanation](#) in appendix.
<resData>	Data Returned.
<data name="balance">VALUE</data>	The fund balance under this account.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by Server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.4.1.2. Command Description

Query account balance under this account.

7.4.1.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.4.1.4. Constraints

None

7.4.1.5. Notes

None

7.4.1.6. Example

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>account</category>
    <action>GetAccountBalance</action>
    <cltrid>135610A1246241147B990</cltrid>
    <chksum>7301abd0e4145a661c1ba06df51fa1ec</chksum>
</request>
```

Returned parameters and values
```
<?xml version="1.0"?>
<response>
    <category>account</category>
    <action>GetAccountBalance</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L69:no value</value>
    <resData>
        <data name="balance">130265</data>
```

```
        </resData>
        <cltrid>135610A1246241147B990</cltrid>
        <svtrid>135610A1246241147B990-API-SRV</svtrid>
        <chksum>38bb7fbb095b3649488c8b7b484b639a</chksum>
    </response>
```

7.4.2. Get Customer Information

7.4.2.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY : 'account'
<action>ACTION</action>	ACTION：GetCustomerInfo
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"getcustomerinfo")
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'account'
<action>ACTION</action>	
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned
<data name="clid">VALUE</data>	Account ID
<data name="crDate">VALUE</data>	Length10. The date when this account is created. Date format, yyyy-mm-dd.
<data name="upDate">VALUE</data>	Length10. The date when the account info is modified. Date format, yyyy-mm-dd.
<data name="web">VALUE</data>	Length0-120ky , The website address

(Registrant contact info begins with r_, administrator contact info begins with a_, technical contact info beings with t_, billing contact info begins with b_)"	
<data name="r_name">VALUE</data>	Lenght1-60. Registrant name
<data name="r_org">VALUE</data>	Length 1-60. Organization information of registrant
<data name="r_country">VALUE</data>	Length 1-2. Country name of registrant
<data name="r_province">VALUE</data>	Length 1-60. Province of registrant
<data name="r_city">VALUE</data>	Length 1-60. City of registrant
<data name="r_street">VALUE</data>	Length 1-60. Address of registrant
<data name="r_postalcode">VALUE</data>	Length 1-10. Postcode of registrant
<data name="r_voice">VALUE</data>	Length 1-17. Telephone Number of registrant
<data name="r_fax">VALUE</data>	Length 1-17. Fax number of registrant
<data name="r_email">VALUE</data>	Length 1-60. Email address of registrant
<data name="a_name">VALUE</data>	Lenght1-60. Administrator name
<data name="a_org">VALUE</data>	Length 1-60. Organization information of administrator
<data name="a_country">VALUE</data>	Length 1-2. Country name of administrator
<data name="a_province">VALUE</data>	Length 1-60. Province of administrator
<data name="a_city">VALUE</data>	Length 1-60. City of administrator
<data name="a_street">VALUE</data>	Length 1-60. Address of administrator
<data name="a_postalcode">VALUE</data>	Length 1-10. Postcode of administrator
<data name="a_voice">VALUE</data>	Length 1-17. Telephone Number of administrator
<data name="a_fax">VALUE</data>	Length 1-17. Fax number of administrator
<data name="a_email">VALUE</data>	Length 1-60. Email address of administrator
<data name="t_name">VALUE</data>	Lenght1-60. Technology name
<data name="t_org">VALUE</data>	Length 1-60. Organization information of technology
<data name="t_country">VALUE</data>	Length 1-2. Country name of technology
<data name="t_province">VALUE</data>	Length 1-60. Province of technology
<data name="t_city">VALUE</data>	Length 1-60. City of technology
<data name="t_street">VALUE</data>	Length 1-60. Address of technology
<data name="t_postalcode">VALUE</data>	Length 1-10. Postcode of technology
<data name="t_voice">VALUE</data>	Length 1-17. Telephone Number of technology
<data name="t_fax">VALUE</data>	Length 1-17. Fax number of technology
<data name="t_email">VALUE</data>	Length 1-60. Email address of technology
<data name="b_name">VALUE</data>	Lenght1-60. Billing name
<data name="b_org">VALUE</data>	Length 1-60. Organization information of billing
<data name="b_country">VALUE</data>	Length 1-2. Country name of billing
<data name="b_province">VALUE</data>	Length 1-60. Province of billing
<data name="b_city">VALUE</data>	Length 1-60. City of billing
<data name="b_street">VALUE</data>	Length 1-60. Address of billing
<data name="b_postalcode">VALUE</data>	Length 1-10. Postcode of billing
<data name="b_voice">VALUE</data>	Length 1-17. Telephone Number of billing
<data name="b_fax">VALUE</data>	Length 1-17. Fax number of billing
<data name="b_email">VALUE</data>	Length 1-60. Email address of billing
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.

`<svtrid>SVTRID</svtrid>`	Order number which is generated by Server.
`<chksum>CHKSUM</chksum>`	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

7.4.2.2. Command Description

Get customer information

7.4.2.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.4.2.4. Constraints

None

7.4.2.5. Notes

None

7.4.2.6. Example

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>account</category>
    <action>GetCustomerInfo</action>
    <cltrid>135610A1246241287B848</cltrid>
    <chksum>be0c4af3e688c933de0f401927fc49b1</chksum>
</request>
```

Returned parameters and values:

```xml
<?xml version="1.0"?>
<response>
    <category>account</category>
    <action>GetCustomerInfo</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L66:no value</value>
    <resData>
        <data name="clid">135610</data>
        <data name="clid">99</data>
        <data name="crDate">2000-12-04 11:30:48</data>
        <data name="upDate">2009-06-28 22:09:46</data>
        <data name="web">http://www.onlinenic.com</data>
        <data name="r_name">zhong</data>
        <data name="r_org">rorg</data>
        <data name="r_country">US</data>
        <data name="r_province">rprovince</data>
```

        <data name="r_city">rcity</data>
        <data name="r_street">rstreet</data>
        <data name="r_postalcode">364100</data>
        <data name="r_voice">12345678</data>
        <data name="r_fax">+00112345678</data>
        <data name="r_email">first@onlinenic.com</data>
        <data name="a_name">zhong</data>
        <data name="a_org">Registrant</data>
        <data name="a_country">CN</data>
        <data name="a_province">afdasf</data>
        <data name="a_city">CA</data>
        <data name="a_street">CA</data>
        <data name="a_postalcode">1111111</data>
        <data name="a_telephone">+1.4156656387</data>
        <data name="a_fax">+1.4156656387</data>
        <data name="a_email">first@onlinenic.com</data>
        <data name="t_name">zhong</data>
        <data name="t_org">Registrant</data>
        <data name="t_country">US</data>
        <data name="t_province">afdasf</data>
        <data name="t_city">CA</data>
        <data name="t_street">CA</data>
        <data name="t_postalcode">1111111</data>
        <data name="t_telephone">+1.4156656387</data>
        <data name="t_fax">+1.4156656387</data>
        <data name="t_email">first@onlinenic.com</data>
        <data name="b_name">zhong</data>
        <data name="b_org">Registrant</data>
        <data name="b_country">US</data>
        <data name="b_province">afdasf</data>
        <data name="b_city">CA</data>
        <data name="b_street">CA</data>
        <data name="b_postalcode">1111111</data>
        <data name="b_telephone">+1.4156656387</data>
        <data name="b_fax">+1.4156656387</data>
        <data name="b_email">first@onlinenic.com</data>
    </resData>
    <cltrid>135610A1246241389B782</cltrid>
    <svtrid>135610A1246241389B782-API-SRV</svtrid>
    <chksum>a327ada60294d75748b56d4f86293e6c</chksum>
</response>

7.4.3. Modify Customer Information

7.4.3.1. Definition

Label	Definition
Command	
<?xml version="1.0"?>	
<request>	
<category>CATEGORY</category>	CATEGORY：'account'
<action>ACTION</action>	ACTION：ModCustomerInfo
<params>	
<param name="web">VALUE</param>	Length0-120. Must start with http://
<param name="r_org">VALUE</param>	Length 1-60. Organization Name of registrant (English)
<param name="r_country">VALUE</param>	Length 1-2, Country of registrant, please refer to Country Code Table.
<param name="r_province">VALUE</param>	Length 1-60. Province of registrant (English)
<param name="r_city">VALUE</param>	Length 1-60. City of registrant (English)
<param name="r_street">VALUE</param>	Length 1-60. Address of registrant (English)
<param name="r_postalcode">VALUE</param>	Length 1-10. Post Code of registrant
<param name="r_voice">VALUE</param>	Length 1-17. Telephone Number of registrant
<param name="r_fax">VALUE</param>	Length 1-17. Fax Number of registrant
<param name="r_email">VALUE</param>	Length 1-60. Email Address of registrant
<param name="a_name">VALUE</param>	Length1-60. Administrator Name (English)
<param name="a_org">VALUE</param>	Length 1-60. Organization Name of administrator (English)
<param name="a_country">VALUE</param>	Length 1-2, Country of administrator, Please refer to Country Code Table.
<param name="a_province">VALUE</param>	Length 1-60. Province of administrator (English)
<param name="a_city">VALUE</param>	Length 1-60. City of administrator (English)
<param	Length 1-60. Address of administrator (English)

name="a_street">VALUE</param>	
<param name="a_postalcode">VALUE</param>	Length 1-10. Post Code of administrator
<param name="a_voice">VALUE</param>	Length 1-17. Telephone Number of administrator
<param name="a_fax">VALUE</param>	Length 1-17. Fax Number of administrator
<param name="a_email">VALUE</param>	Length 1-60. Email Address of administrator
<param name="t_name">VALUE</param>	Length1-60. Technology Name (English)
<param name="t_org">VALUE</param>	Length 1-60. Organization Name of technology (English)
<param name="t_country">VALUE</param>	Length 1-2, Country of technology, Please refer to Country Code Table.
<param name="t_province">VALUE</param>	Length 1-60. Province of technology (English)
<param name="t_city">VALUE</param>	Length 1-60. City of technology (English)
<param name="t_street">VALUE</param>	Length 1-60. Address of technology (English)
<param name="t_postalcode">VALUE</param>	Length 1-10. Post Code of technology
<param name="t_voice">VALUE</param>	Length 1-17. Telephone Number of technology
<param name="t_fax">VALUE</param>	Length 1-17. Fax Number of technology
<param name="t_email">VALUE</param>	Length 1-60. Email Address of technology
<param name="b_name">VALUE</param>	Length1-60. Billing Name (English)
<param name="b_org">VALUE</param>	Length 1-60. Organization Name of billing (English)
<param name="b_country">VALUE</param>	Length 1-2, Country of billing, Please refer to Country Code Table.
<param name="b_province">VALUE</param>	Length 1-60. Province of billing (English)
<param name="b_city">VALUE</param>	Length 1-60. City of billing (English)
<param name="b_street">VALUE</param>	Length 1-60. Address of billing (English)
<param name="b_postalcode">VALUE</param>	Length 1-10. Post Code of billing
<param name="b_voice">VALUE</param>	Length 1-17. Telephone Number of billing
<param name="b_fax">VALUE</param>	Length 1-17. Fax Number of billing

<param name="b_email">VALUE</param>	Length 1-60. Email Address of billing
</params>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid+md5(clpass)+cltrid+"modcustomerinfo")
</request>	
Returned parameters and values	
<?xml version="1.0"?>	
<response>	
<category>CATEGORY</category>	CATEGORY：'account'
<action>ACTION</action>	ACTION：ModCustomerInfo
<code>CODE</code>	Please refer to Codes Explanation in appendix.
<msg>MSG</msg>	Please refer to Codes Explanation in appendix.
<value>VALUE</value>	Please refer to Codes Explanation in appendix.
<resData>	Data Returned.
</resData>	
<cltrid>CLTRID</cltrid>	Order number which is generated by customer and must be unique.
<svtrid>SVTRID</svtrid>	Order number which is generated by server.
<chksum>CHKSUM</chksum>	CHKSUM = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
</response>	

7.4.3.2. Command Description

Modify member (account) information

7.4.3.3. Demo Guide

http://218.5.81.149/api/demo/3.x/en/

7.4.3.4. Constraints

At least one of member info field must be modified.

7.4.3.5. Notes

None

7.4.3.6. Example

request:

```xml
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<request>
    <category>account</category>
    <action>ModCustomerInfo</action>
    <params>
        <param name="web">http://www.onlinenic.com</param>
        <param name="r_org">rorg</param>
        <param name="r_province">rprovince</param>
        <param name="r_city">rcity</param>
        <param name="r_street">rstreet</param>
        <param name="r_postalcode">364100</param>
        <param name="r_voice">12345678</param>
        <param name="r_fax">+86654123</param>
        <param name="r_email">remal@onlinenic.com</param>
        <param name="a_name">aname</param>
        <param name="a_org">aorg</param>
        <param name="a_province">aprovince</param>
        <param name="a_city">acity</param>
        <param name="a_street">astreet</param>
        <param name="a_postalcode">364100</param>
        <param name="a_voice">12345678</param>
        <param name="a_fax">+86123456</param>
        <param name="a_email">aemail@onlinenic.com</param>
        <param name="t_name">tname</param>
        <param name="t_org">torg</param>
        <param name="t_province">tprovince</param>
        <param name="t_city">tcity</param>
        <param name="t_street">tstreet</param>
        <param name="t_postalcode">364100</param>
        <param name="t_voice">12345678</param>
        <param name="t_fax">+861245675</param>
        <param name="t_email">temail@onlinenic.com</param>
        <param name="b_name">bname</param>
        <param name="b_org">borg</param>
        <param name="b_province">bprovince</param>
        <param name="b_city">bcity</param>
        <param name="b_street">bstreet</param>
        <param name="b_postalcode">364100</param>
        <param name="b_voice">45678123</param>
        <param name="b_fax">+864561254</param>
        <param name="b_email">bemail@onlinenic.com</param>
    </params>
    <cltrid>135610A1246241911B565</cltrid>
    <chksum>faaf2e69df0be35dcd16a95dc056747c</chksum>
```

</request>

Returned parameters and values
<?xml version="1.0"?>
<response>
    <category>account</category>
    <action>ModCustomerInfo</action>
    <code>1000</code>
    <msg>Command completed successfully</msg>
    <value>L373:no value</value>
    <resData>
    </resData>
    <cltrid>135610A1246241911B565</cltrid>
    <svtrid>135610A1246241911B565-API-SRV</svtrid>
    <chksum>8d8870f0bc5c673b0f3a0534404838d2</chksum>
</response>

8. Appendix

8.1. Country Codes

8.1.1. Supported Country Codes for EU

Code	Country Names
AX	ALAND ISLANDS
AT	AUSTRIA
BE	BELGIUM
BG	BULGARIA
CY	CYPRUS
CZ	CZECH REPUBLIC
DK	DENMARK
EE	ESTONIA
FI	FINLAND
FR	FRANCE
GF	FRENCH GUIANA
DE	GERMANY
GI	GIBRALTAR
GR	GREECE
GP	GUADELOUPE
HU	HUNGARY
IE	IRELAND
IT	ITALY
LV	LATVIA
LT	LITHUANIA
LU	LUXEMBOURG
MT	MALTA
MQ	MARTINIQUE
NL	NETHERLANDS
PL	POLAND
PT	PORTUGAL
RO	ROMANIA
RE	RéUNION
SK	SLOVAKIA
SI	SLOVENIA

ES	SPAIN
SE	SWEDEN
GB	UNITED KINGDOM

8.1.2. English Country names and Code Elements

http://www.iso.org/iso/home/standards/country_codes/iso-3166-1_decoding_table.htm

8.2. Domain Types

8.2.1. Type Value of Com/Net of IDN

domaintype	mltype	Explanation
0	0	English
0	10301	Afrikaans
0	12003	Albanian
0	181	Arabic
0	12007	Aragonese
0	12009	Armenian
0	12011	Assamese
0	12012	Asturian
0	12014	Avestan
0	12016	Awadhi
0	12018	Azerbaijani
0	12019	Balinese
0	12022	Baluchi
0	12024	Basa
0	12026	Bashkir
0	12029	Basque
0	12031	Belarusian
0	12033	Bengali
0	12035	Bhojpuri
0	12036	Bosnian
0	12037	Bulgarian
0	163	Burmese
0	12041	Carib
0	10302	Catalan

0	12045	Chechen
0	1	Chinese
0	12047	Chuvash
0	12050	Coptic
0	12051	Corsican
0	10201	Croatian
0	10201	Croatian
0	10202	Czech
0	10101	Danish
0	12054	Divehi
0	12056	Dogri
0	10102	Dutch
0	10401	Estonian
0	12063	Faroese
0	12001	Fijian
0	10104	Finnish
0	10901	French
0	12005	Frisian
0	12008	Gaelic
0	12010	Georgian
0	10106	German
0	12013	Gondi
0	10701	Greek
0	154	Gujarati
0	180	Hebrew
0	12020	Hindi
0	10203	Hungarian
0	10107	Icelandic
0	12027	Indic
0	12030	Indonesian
0	12032	Ingush
0	10108	Irish
0	10109	Italian
0	3	Japanese
0	12038	Javanese
0	12039	Kashmiri
0	12042	Kazakh
0	12043	Khmer
0	12046	Kirghiz

0	4	Korean
0	12048	Kurdish
0	161	Lao
0	10403	Latvian
0	10404	Lithuanian
0	12052	Luxembourgish
0	12053	Macedonian
0	159	Malayalam
0	12057	Malay
0	10304	Maltese
0	12061	Maori
0	12062	Moldavian
0	187	Mongolian
0	12002	Nepali
0	10110	Norwegian
0	12004	Oriya
0	12006	Ossetian
0	11502	Panjabi
0	188	Persian
0	10204	Polish
0	10111	Portuguese
0	12015	Pushto
0	12017	Rajasthani
0	10205	Romanian
0	12021	Russian
0	12023	Samoan
0	12025	Sanskrit
0	12028	Sardinian
0	10208	Serbian
0	12034	Sindhi
0	160	Sinhalese
0	10206	Slovak
0	10207	Slovenian
0	12040	Somali
0	10112	Spanish
0	12044	Swahili
0	10113	Swedish
0	10501	Syriac
0	12049	Tajik

0	156	Tamil
0	157	Telugu
0	183	Thai
0	162	Tibetan
0	10902	Turkish
0	12055	Ukrainian
0	12058	Urdu
0	12059	Uzbek
0	11501	Vietnamese
0	11401	Welsh
0	12064	Yiddish

8.2.2. Type Value of BIZ of IDN

domaintype	mltype	Explanation
800	800	English
800	810	Chinese (zh)- gb2312
800	811	Danish (da)
800	812	German (de)
800	813	Icelandic (is)
800	814	Japanese (jp)
800	815	Norwegian (no)
800	816	Spanish (es)
800	817	Swedish (sv)
800	818	Korean (ko)

8.2.3. IN Domain Types

- The 2nd Level IN (Example: abc.in).
- The 3rd Level IN (co.in, net.in, org.in, firm.in, gen.in, ind.in (Example: abc.co.in).

8.3. CED info for Asia Domain names

8.3.1. CED Type of Legal Entity

Type	Explanation
cooperative	Cooperatives

corporation	Corporations or Companies
government	Government Bodies, States, Sovereigns or Municipalities
institution	Institutions
naturalPerson	Natural Persons
other	Other
partnership	Partnerships or Collectives
politicalParty	Political parties or Trade Unions
society	Trusts, Estates, Associations or Societies

8.3.2. CED Certificate Type

Type	Explanation
certificate	Certificate of Incorporation or equivalent business registration certificate
legislation	Act, decree or legislation describing the formation of an entity
other	Other
passport	Passport or Citizenship ID
politicalPartyRegistry	Political Parties Registry
societyRegistry	Societies Registry or equivalent registry for non-corporate entities

8.4. The industry Type value for CN domain names

Type Value	Explanation
S1	Government Bodies, States, Sovereigns or Municipalities
S2	Institutions
S5	Sports and Entertaining Industry
S6	Logistics
S3	Social Service Organization
S4	Commercial Party
S7	News and Press
S8	Commercial Organization
S9	Research and Educational Organization
S10	Estate
S11	Mail service
S12	IT Industry
S13	Manufacturing
S14	Public Utility
S15	Construction Industry

S16	Agriculture , Forestry and Fishing
S17	Mining Industry
S18	Others

8.5. Transfer status explanation

Status	Explanation
Pending transfer; no response to our confirmation email for transferring	The admin of domain has not approved to transfer.
transfer failed; no pay	The transfer fails because the renewal fee has not been charged beforehand.
clientCanceled; transfer operation expired	The transfer requests expired because it is not responded within 5 days.
clientCanceled; client canceled	The transfer request was cancelled by the reseller who initiated it.
pendingTransfer	The transfer request has been approved by gaining registrar and waiting for approval from the losing registrar.
clientCanceled; system canceled	The transfer request was cancelled by gaining registrar
transferSuccessfully	The transfer is successful.
clientRejected	The admin of domain name rejected the transfer.
pendingTransfer, system has not sent confirmation emai	The registrar transfer confirmation will be sent out soon.

8.6. Codes Explanation.

Code	Msg	Explanation
1000	Command completed successfully	It shows the command is completed successfully. The default value of <value> is 'no value'.

1001	Command completed successfully; action pending	It shows the initiation of operation is successful. The default value of <value> is 'no value'. Note: this is for non-realtime processing command, for instance, domain transfer registrar.
1105	Command completed successfully;not in lib	It shows the command is completed successfully, but it was not storaged because of fund or database connection issue. The value of <value> part is listed at its line.
1300	Command completed successfully; no messages	It shows the command is completed successfully. The admin of domain gets transfer record but the data has not been collected by server. The default value of <value> is 'no value'.
1301	Command completed successfully; ack to dequeue	It shows the command is completed successfully. The admin of domain gets transfer record and the data has been collected by server. The default value of <value> is 'no value'.
1500	Command completed successfully;ending session	It shows the session is ended. The default value of <value> is 'no value'.
2000	Unknown command	The command is invalid. The value of <value> is the command you submitted.
2001	Command syntax error	It shows there is error on command syntax. The value of <value> is the explanation of syntax.
2003	Required Parameter missing	The required parameter is missing. The value of <value> is the parameter missed.
2004	Parameter value range err	The error happens because of Parameter value is out of range. For instance, the length of character. The value of <value> is parameter name and valid range.

2005	Parameter value syntax error	It shows the value of parameter syntax is incorrect. The value of <value> is the parameter and its right format.
2104	Billing fail	It shows that the current balance of your account is insufficient. The value of <value> is the current balance of your account.
2105	Object is not eligible for renewal	It explains that the object in question is ineligible for renewal. For instance, the duplicate renewal request in certain time frame. The value of <value> is to explain the failure.
2106	Object is not eligible for transfer	It explains that the object in question is ineligible for transfer registrar. For instance, the domain name is in the first 60 days of registration. The value of <value> is to explain the failure.
2201	Authorization error	It shows the password is inaccurate. If the format is correct, the value returns 'no value'. Or else, it returns the correct format of password.
2202	Invalid authorization information	It shows the invalid authorization information. The value of <value> is the information in regard to failure.
2300	Object pending transfer	The object in question is in the midst of transfer. The value of <value> is 'no value'.
2302	Object exists	The object in question existed already. The value of <value> is 'no value'.
2303	Object does not exist	The object in question doesn't exist. The value of <value> is 'no value'.
2304	Object status prohibits operation	The object is being prohibited from operation because of its status. The value of <value> is the reason caused prohibition.

2305	Object association prohibits operation	The operation is being rejected because the object is being associated with others, for instance, package products. The value of <value> is the reason caused prohibition.
2306	Parameter value policy error	The command can't be proceeded because the parameter itself has restriction.
2307	Object not apply ID Shield	The object has not applied for ID shield service yet. The value of <value> is to explain the error.
2400	Command fail	The command fails to be completed. The value of <value> is the reason to failure.
2500	Command failed;server ending session	The command fails to be completed and the connection session is ended. The value of <value> is the reason to the failure.
2501	Timeout;server ending session	The connection is time-out and the session is ended. The value of <value> is 'no value'.
5000	Something error in netware	The command fails to be completed. The value of <value> is the reason to the failure.
5500	Did not Login	You can't conduct operation because not login yet. The default value of <value> is 'no value'.
6000	Checksum error	The checksum error. Please check. The value of <value> is 'no value'.
6001	Internal Database err	The failure was caused by the internal database error. The value of <value> is to explain the failure.

8.7. Data Format

Take the response in XML format as an instance, the format is as below,

Label	Definition
Comand：	
<?xml version="1.0"?>	

`<request>`	
`<category>CATEGORY</category>`	Operation category : 'client' | 'domain' | "account". The value of CATEGORY must be one of three categories above.
`<action>ACTION</action>`	Action: the type of designated action. For example, login means for login operation, infoHost means the DNS query.
`<params>`	Parameters.
`<param name="PARAM1">VALUE1</param>`	Parameters1
`<param name="PARAM2">VALUE2</param>`	Parameters2
……	……
`<param name="PARAMn">VALUEn</param>`	ParametersN
`</params>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique.
`<chksum>CHKSUM</chksum>`	CHKSUM info. Md5 secret key between reseller and ONlineNIC.
`</request>`	
Returned parameters and values	
`<?xml version="1.0"?>`	
`<response>`	
`<category>CATEGORY</category>`	Category information.
`<action>ACTION</action>`	Action type.
`<code>CODE</code>`	Please refer to codes explanation.
`<msg>MSG</msg>`	Please refer to codes explanation.
`<value>VALUE</value>`	Error messages explaining the failure and returns 'no value' if it is successful.
`<resData>`	Data returned.
`<data name="DATA1">VALUE1</data>`	Data1. Please see the value1.
`<data name="DATA2">VALUE2</data>`	Data2. Please see the value2.
……	……
`<data name="DATAn">VALUEn</data>`	……
`</resData>`	
`<cltrid>CLTRID</cltrid>`	Order number which is generated by customer and must be unique.
`<svtrid>SVTRID</svtrid>`	svtrid = cltrid + '-API-SRV'
`<chksum>CHKSUM</chksum>`	chksum = md5(clid + md5(clpass) + cltrid + svtrid + code + msg + value)
`</response>`	

Example,

```
<?xml version="1.0"?>
<request>
  <category>domain</category>      // Operation Category
  <action>InfoDomain</action>      // Action Type
  <params>        //Parameters
    <param name="domain">aaa.com</param>
    <param name="domaintype">0</param>
```

```
    .......
  </params>
  <cltrid>135610A1224492880B530</cltrid>        // Order number
  <chksum>ce5a06dca8a4297bb11de28cba5739ef</chksum>        //checksum
</request>
```

2．Returned parameters and values(failure):
```
<?xml version="1.0"?>
<response>
<category>domain</category>        // Operation Category
<action> InfoDomain </action>        // Action Type
<code>2306</code>        //Code returned
<msg>Parameter value policy error</msg>        //MSG returned
<value> Auth Info not provided</value>
<resData>        //Data returned
</resData>
<cltrid>135610A1224233311B493</cltrid>        // Order number
<svtrid>135610A1224233311B493-API-SRV</svtrid>        // Order number by server
<chksum>f15504257d6a6a58d69198909da52ce9</chksum>        // checksum
</response>
```

3．Returned parameters and values(successful):
```
<?xml version="1.0"?>
<response>
<category>domain</category>        // Operation Category
<action> InfoDomain </action>        // Action Type
<code>1000</code>        // Code returned
<msg>Command completed successfully</msg>        // MSG returned
<value>no value</value>
<resData>        //Data returned
  <data name="domain">testwew.com</data>
  <data name="crDate">09/12/2008</data>
  ......
</resData>
<cltrid>135610A1224233311B493</cltrid>        // Order number
<svtrid>135610A1224233311B493-API-SRV</svtrid>        // Order number by server
<chksum>f15504257d6a6a58d69198909da52ce9</chksum>        // checksum
</response>
```

8.8. Domain Format

1) A domain name consists of letters from (a-z) and numbers (0-9)
2) A domain name needs to contain a minimum of one character.
3) The maximum numbers used in a domain name is up to 63 alpha-numeric characters per name.
4) Special characters such as a hyphen (-) are not allowed as first or last character.

a) The first character should be a letter.
b) It is preferable that a domain name be similar to the full name of the organization, or part of it or the same as the trade mark and is written in Latin letters.
5) Our API requires the domain name using non-english character sets much be puny-encoded.

8.9. Organization Types for UK domain name

LTD	UK Limited Company
PLC	UK Public Limited Company
PTNR	UK Partnership
STRA	UK Sole Trader
LLP	UK Limited Liability Partnership
IP	UK Industrial/Provident Registered Company
IND	UK Individual (representing self)
SCH	UK School
RCHAR	UK Registered Charity
GOV	UK Government Body
CRC	UK Corporation by Royal Charter
STAT	UK Statutory Body
OTHER	UK Entity that does not fit into any of the above (e.g. clubs, associations, many universities)
FIND	Non-UK Individual (representing self)
FCORP	Non-UK Corporation
FOTHER	Non-UK Entity that does not fit into any of the above (e.g. charities, schools, clubs, associations)
Note:	Organizations in Jersey, Guernsey and the Isle of Man are classified as Foreign Organizations.

- <The End> -